WEEKLY BULLETINS OF MASS. STATE BOARD OF HEALTH

1895

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1895

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Jan. 5, 1895.

AN OFFICIAL PUBLICATION OF THE

Mass. STATE BOARD OF HEALTH. Weekly bulletin

VOL. XIII. No. 1.

STATE BOARD OF HEALTH.

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MORTALITY OF MASSACHUSETTS

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For the Week ending January 5, 1895.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

STATE HOUSE, BOSTON

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month. Mass. Dept of Health. Supr

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Scarlet-fever.	Typhoid Fever.
Boston,	501,107	204	70	21	41	17	4	..
Worcester,	100,410	38	15	7	4	..	1	1
Fall River,	92,233	23	8	3	7	1	..	..
Lowell,	90,613	24	7	3	3	..	..	1
Cambridge,	79,607	23	9	3	2	2	1	..
Lynn,	65,123	19	5	2	3	..	..	..
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	18	5	2	2	..	1	..
Lawrence,	49,900	12	5	3	3	..	1	1
New Bedford,	47,741	23	10	2	1	2	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	12	5	1	..	1	..	..
Salem,	33,155	11	6	3	1	2	1	..
Haverhill,	32,925	9	1	..	..	..	..	..
Malden,	30,209	3	0	..	..	..	..	..
Chelsea,	29,806	13	2	1	1	1	..	..
Fitchburg,	29,383	11	3	..	1	..	..	..
Newton,	28,837	12	3	2	2	2	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	15	6	4	1	4	..	..
Waltham,		8	1	1	..	1	..	..
Quincy,		11	1	..	..	..	..	..
North Adams,		6	4	1	1	..	..	..
Pittsfield,		3	1	..	..	..	..	..
Everett,		5	0	1	..	..	..	1
Northampton,		4	3	1	1	..	1	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		6	2	2	1	1	..	1
Newburyport,		4	0	..	..	..	..	..
Brookline,		5	3	1	..	..	1	..
Medford,		3	0	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		..	..	..	..	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		0	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Scarlet-fever.	Typhoid Fever.
Total of reporting towns,	1,502,482	525	180	64	75	34	11	5

S79
1895

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-four deaths were reported from the principal infectious diseases: diphtheria and croup, 34; scarlet-fever, 11; typhoid fever, 5; diarrhœal diseases, 5; whooping-cough, 4; cerebro-spinal meningitis, 3; measles and erysipelas, 1 each.

There were 75 deaths from acute lung diseases; consumption, 46; and still-births, 35.

From diarrhœal diseases: Fall River and Lowell, 2 each; Worcester, 1. From whooping-cough: Worcester, 3; Lawrence, 1. From cerebro-spinal meningitis: Lynn, 2; North Adams, 1. From measles: Springfield, 1. From erysipelas: Worcester, 1.

Deaths under five years of age numbered 180, as compared with 146 for the preceding week.

Deaths from the principal infectious diseases numbered 64, as compared with 60 for the preceding week.

The death rates for the week were: Boston, 21.16; Worcester, 19.67; Fall River, 12.96; Lowell, 13.77; Cambridge, 15.02; Lynn, 15.17; Somerville, ——; Springfield, 18.61; Lawrence, 12.50; New Bedford, 25.06; Holyoke, ——; Brockton, 18.38; Salem, 17.24; Haverhill, 14.21; Malden, 5.16; Chelsea, 19.19; Fitchburg, 19.46; Newton, 21.63; Gloucester, ——; Taunton, 28.94; Waltham, 18.80; Quincy, 22.66; North Adams, 16.50; Pittsfield, 7.98; Everett, 17.03; Northampton, 12.48; Marlborough, ——; Chicopee, ——; Woburn, 20.88; Newburyport, 14.71; Medford, 12.28.

The total death rate for the week was 18.17, against 18.82 and 17.91 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JANUARY 5, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	179.	Measles,	72.
Diphtheria and croup,	147.	Typhoid fever,	26.
Glanders,	1.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Jan. 5, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, Dec. 30,	30.11	18	28	8	42	67	54	W.	W.		12	8		O.	C.			0.00
Monday, 31,	30.18	26	29	22	61	58	60	W.	N.		5	13		O.	O.			0.00
Tuesday, Jan. 1,	30.04	26	32	19	66	60	63	N.	N. W.		12	13		O.	C.			0.00
Wednes'y, 2,	30.22	22	29	16	68	62	65	W.	W.		9	5		C.	C.			0.00
Thursday, 3,	30.29	24	31	16	66	70	68	O.	S. E.		0	6		C.	O.			0.00
Friday, 4,	30.08	28	35	21	73	50	62	W.	N. W.		8	14		O.	C.			T.
Saturday, 5,	30.42	10	17	4	30	43	36	N. W.	W.		16	4		C.	O.			0.00
Week, - -	30.15		29	15			58											0.00

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In 4 smaller towns of Massachusetts, as reported to the State Board of Health for the month of December.

The total death rate of reporting towns was 8.7.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Consumption.	Cerebro-Spinal Meningitis.
Revere,	7,293	5	0	1	1	1	..	..
Hudson,	5,232	4	0	1	..	..	1	1
Orange,	5,302	5	0	..	..	..	..	..
Merrimac,	2,837	1	0	..	..	..	..	..
Total of reporting towns,	20,664	15	0	2	1	1	1	1

THE BOSTON Medical and Surgical JOURNAL

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NO. 24

THURSDAY, DECEMBER 14, 1905

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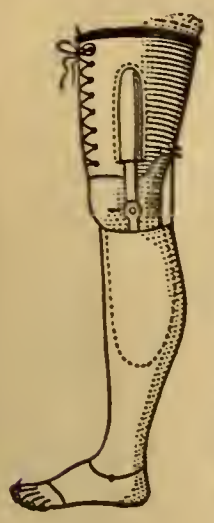

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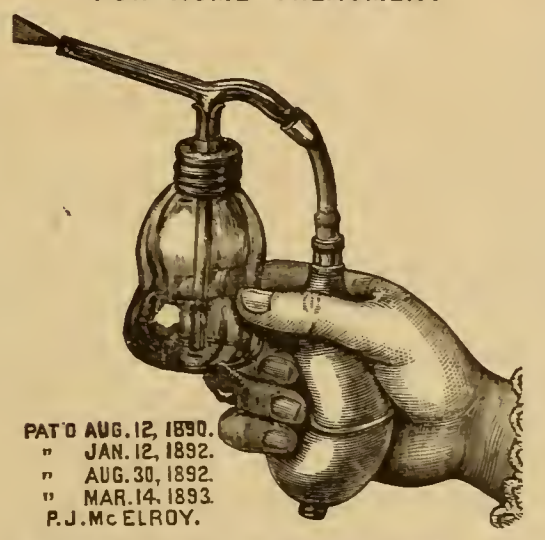

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Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Jan. 19, 1895.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XIII. No. 3.

STATE BOARD OF HEALTH.

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MORTALITY OF MASSACHUSETTS

For the Week ending January 19, 1895.

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Fall River,	92,233	..	..	..	..	..	..	..
Lowell,	90,613	29	9	4	4	1	2	1
Cambridge,	79,607	20	7	6	4	3	1	..
Lynn,	65,123	13	..	..	2	..	..	..
Somerville,	50,727	22	7	2	8	..	2	..
Springfield,	50,284	18	8	3	4	2	..	..
Lawrence,	49,900	16	5	1	4	..	..	1
New Bedford,	47,741	19	7	1	5	..	1	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	9	4	..	1	..	..	..
Salem,	33,155	11	..	1	2	..	..	..
Haverhill,	32,925	6	0	1	..	..	..	..
Malden,	30,209	..	..	..	..	..	..	..
Chelsea,	29,806	14	2	2	2	1	1	..
Fitchburg,	29,383	12	3	2	..	1	..	..
Newton,	28,837	7	1	..	1	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	7	4	3	..	3	..	..
Waltham,		0	0	..	..	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		2	0	..	..	..	..	..
Pittsfield,		4	0	..	..	..	..	..
Everett,		4	2	1	1	1	..	..
Northampton,		3	2	..	..	..	..	..
Marlborough,		4	1	..	1	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		3	0	..	1	..	..	..
Newburyport,		4	2	1	1	..	..	..
Brookline,		6	2	..	..	..	..	..
Medford,		6	3	..	4	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		4	3	2	..	1	..	..
Clinton,		1	1	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		2	2	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Cerebro-spinal Meningitis.	Scarlet-fever.
Total of reporting towns,	1,460,042	470	151	53	94	25	10	8

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-three deaths were reported from the principal infectious diseases: diphtheria and croup, 25; cerebro-spinal meningitis, 10; scarlet-fever, 8; whooping-cough, 3; erysipelas, typhoid fever and diarrhœal diseases, 2 each; measles, 1.

No deaths were reported from small-pox and malarial fever.

There were 94 deaths from acute lung diseases; consumption, 46; and still-births, 22.

From whooping-cough: Boston, Cambridge and Hyde Park, 1 each. From erysipelas: Boston and Haverhill, 1 each. From typhoid fever: Springfield and Salem, 1 each. From diarrhœal diseases: Fitchburg and Newburyport, 1 each.

Deaths under five years of age numbered 151, as compared with 191 for the preceding week.

Deaths from the principal infectious diseases numbered 53, as compared with 70 for the preceding week.

The death rates for the week were: Boston, 19.81; Worcester, 17.08; Fall River, ——; Lowell, 16.64; Cambridge, 13.06; Lynn, 10.38; Somerville, 22.55; Springfield, 18.61; Lawrence, 16.67; New Bedford, 20.80; Holyoke, ——; Brockton, 13.78; Salem, 17.24; Haverhill, 9.47; Malden, ——; Chelsea, 24.43; Fitchburg, 21.23; Newton, 12.62; Gloucester, ——; Taunton, 13.50; Waltham, ——; Quincy, ——; North Adams, 5.50; Pittsfield, 10.64; Everett, 13.62; Northampton, 9.36; Marlborough, 12.92; Chicopee, ——; Woburn, 10.44; Newburyport, 14.71; Medford, 24.54.

The total death rate for the week was 16.74, against 18.86 and 18.17 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JANUARY 19, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Diphtheria and croup, ...	144.	Typhoid fever, ...	21.
Scarlet-fever, ...	204.	Measles, ...	72.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Jan. 19. 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 13,	29.63	43	52	34	100	86		93	N. E.	S. W.		21	19		O.	N.			0.02
Monday, 14,	30.01	26	37	15	68	58		63	S. W.	S. W.		15	10		C.	O.			T.
Tuesday, 15,	30.13	28	35	20	70	56		63	W.	S. W.		9	9		O.	O.			0.00
Wednes'y, 16,	29.96	36	39	32	62	95		78	S. W.	N.		5	7		N.	N.			0.49
Thursday, 17,	29.98	29	36	22	84	65		73	W.	W.		14	11		C.	C.			T.
Friday, 18,	30.05	24	30	17	68	60		64	W.	W.		9	10		C.	O.			0.00
Saturday, 19,	30.04	22	27	16	88	57		72	N.	W.		11	9		C.	C.			0.14
Week, - -	29.96		37	22				72											0.65

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Jan. 26, 1895.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XIII. No. 4.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending January 26, 1895.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	220	77	29	53	3	16	2
Worcester,	100,410	30	15	8	4	1	5	..
Fall River,	92,233	25	12	1	11	..	1	..
Lowell,	90,613	29	7	..	5	..	..	..
Cambridge,	79,607	34	12	3	4	..	2	1
Lynn,	65,123	18	5	3	1	..	..	..
Somerville,	50,727	21	6	4	3	..	2	2
Springfield,	50,284	19	5	2	4	..	..	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	20	3	..	2	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	8	2	..	1	..	..	..
Salem,	33,155	10	3	1	2	..	..	1
Haverhill,	32,925	13	4	1	..	..	..	..
Malden,	30,209	..	..	..	..	..	..	..
Chelsea,	29,806	..	..	..	..	..	..	..
Fitchburg,	29,383	4	0	1	..	1	..	..
Newton,	28,837	10	1	..	1	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	14	4	2	..	..	1	..
Waltham,		9	1	..	2	..	..	..
Quincy,		9	4	..	1	..	..	..
North Adams,		4	1	2	..	1	1	..
Pittsfield,		2	0	..	..	..	..	..
Everett,		4	1	1	..	..	..	1
Northampton,		5	2	..	2	..	..	..
Marlborough,		4	2	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		2	0	..	..	..	..	..
Newburyport,		11	0	1	2	..	..	..
Brookline,		..	..	..	..	..	..	..
Medford,		2	0	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		3	1	1	..	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		2	1	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,456,608	532	169	60	98	6	28	7

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty deaths were reported from the principal infectious diseases: diphtheria and croup, 28; scarlet-fever, 7; typhoid fever, 6; diarrhœal diseases, 6; measles, 4; whooping-cough, 4; cerebro-spinal meningitis, 3; erysipelas, 1; puerperal fever, 1.

No deaths were reported from small-pox and malarial fever.

There were 98 deaths from acute lung diseases; consumption, 72; and still-births, 22.

From diarrhœal diseases: Boston, 3; Lynn, Springfield and Taunton, 1 each. From measles: Boston, 2; Worcester and Haverhill, 1 each. From whooping-cough: Boston, 2; Springfield and Hyde Park, 1 each. From cerebro-spinal meningitis: Lynn, 2; Worcester, 1. From erysipelas: Boston, 1. From puerperal fever: Newburyport, 1.

Deaths under five years of age numbered 169, as compared with 151 for the preceding week.

Deaths from the principal infectious diseases numbered 60, as compared with 53 for the preceding week.

The death rates for the week were: Boston, 22.82; Worcester, 15.53; Fall River, 14.09; Lowell, 16.64; Cambridge, 22.20; Lynn, 14.37; Somerville, 21.52; Springfield, 19.64; Lawrence, ——; New Bedford, 21.79; Holyoke, ——; Brockton, 12.25; Salem, 15.68; Haverhill, 20.53; Malden, ——; Chelsea, ——; Fitchburg, 7.07: Newton, ——; Gloucester, ——; Taunton, 27.01; Waltham, 21.26; Quincy, ——; North Adams, 11.00; Pittsfield, 5.32; Everett, 13.62; Northampton, 15.60; Marlborough, 12.92; Chicopee, ——; Woburn, 6.96; Newburyport, ——; Medford, 8.18.

The total death rate for the week was 18.97, against 16.74 and 18.86 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JANUARY 26, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	195.	Measles.	121.
Diphtheria and croup,	182.	Typhoid fever,	66.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Jan. 26, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 20,	30.22	24	33	15	52	58	55	W.	W.		12	10		F.	C.			0.00
Monday, 21,	29.87	33	42	24	67	100	84	S.	E.		4	14		O.	R.			0.04
Tuesday, 22,	29.40	42	48	35	94	52	73	W.	W.		8	23		O.	O.			0.18
Wednes'y, 23,	29.61	28	32	24	53	67	60	W.	W.		10	12		C.	C.			T.
Thursday, 24,	29.88	21	26	16	51	50	50	S. W.	W.		14	12		C.	C.			0.00
Friday, 25,	30.25	22	30	15	46	59	52	S. W.	W.		12	5		C.	C.			0.00
Saturday, 26,	29.52	39	53	25	97	72	84	E.	W.		36	17		R.	O.			1.06
Week, - -	29.82		38	22			65											1.28

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Feb. 2, 1895.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XIII. No. 5.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending February 2, 1895.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Cerebro-spinal Meningitis.	Scarlet-fever.
Boston,	501,107	226	61	20	52	12	..	2
Worcester,	100,410	38	18	5	6	1	1	..
Fall River,	92,233	45	19	3	9	1	..	2
Lowell,	90,613	30	12	4	5	2	..	1
Cambridge,	79,607	35	10	5	6	4	..	..
Lynn,	65,123	17	3	3	1	..	2	1
Somerville,	50,727	15	7	4	5	..	..	4
Springfield,	50,284	24	6	4	3	2	..	..
Lawrence,	49,900	17	3	2	1	..	..	1
New Bedford,	47,741	18	4	2	2	1	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	8	4	2	2	2	..	..
Salem,	33,155	12	3	1	1	..	..	1
Haverhill,	32,925	9	2	1	4	..	..	1
Malden,	30,209	11	4	2	2	..	2	..
Chelsea,	29,806	10	4	3	1	2	1	..
Fitchburg,	29,383	7	3	1	..	1	..	..
Newton,	28,837	9	2	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	12	4	3	2	3	..	..
Waltham,		6	1	..	1	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		4	0	..	..	..	..	..
Pittsfield,		3	1	..	..	..	..	..
Everett,		11	3	..	..	..	..	..
Northampton,		4	2	1	2	..	..	..
Marlborough,		1	1	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		1	1	..	1	..	..	..
Newburyport,		3	0	..	..	..	..	..
Brookline,		5	3	1	1	1	..	..
Medford,		5	2	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		5	1	..	..	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		6	3	..	3	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Cerebro-spinal Meningitis.	Scarlet-fever.
Total of reporting towns,	1,569,867	597	187	67	110	32	6	13

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-seven deaths were reported from the principal infectious diseases: diphtheria and croup, 32; scarlet-fever, 13; cerebro-spinal meningitis, 6; whooping-cough and puerperal fever, 4 each; erysipelas, 3; typhoid fever, 2; diarrhœal diseases, 3.

No deaths were reported from small-pox, measles and malarial fever.

There were 110 deaths from acute lung diseases; consumption, 70; and still-births, 30.

From whooping-cough: Boston and Worcester, 2 each. From puerperal fever: Boston, Springfield, Lawrence and New Bedford, 1 each. From diarrhœal diseases: Boston, Worcester and Lowell, 1 each. From erysipelas: Boston, Cambridge and Springfield, 1 each. From typhoid fever: Boston and Northampton, 1 each.

Deaths under five years of age numbered 187, as compared with 169 for the preceding week.

Deaths from the principal infectious diseases numbered 67, as compared with 60 for the preceding week.

The death rates for the week were: Boston, 23.44; Worcester, 19.67; Fall River, 25.37; Lowell, 17.21; Cambridge, 22.86; Lynn, 13.57; Somerville, 15.37; Springfield, 24.81; Lawrence, 17.71; New Bedford, 19.61; Holyoke, ——; Brockton, 12.25; Salem, 18.81; Haverhill, 14.21; Malden, 18.93; Chelsea, 17.45; Fitchburg, 12.38; Newton, 16.22; Gloucester, ——; Taunton, 21.22; Waltham, 14.17; Quincy, ——; North Adams, 11.00; Pittsfield, 7.98; Everett, 37.47; Northampton, 12.48; Marlborough, 3.23; Chicopee, ——; Woburn, 3.48; Newburyport, 11.03; Medford, 20.47.

The total death rate for the week was 19.71, against 18.97 and 16.74 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING FEBRUARY 2, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	169.	Measles.	104.
Diphtheria and croup,	180.	Typhoid fever,	17.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Feb. 2, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, Jan. 27,	29.86	27	33	21	52	57	54	W.	W.		21	23		F.	C.			0.00
Monday, 28,	30.14	20	25	15	52	61	54	S. W.	W.		22	10		C.	O.			0.00
Tuesday, 29,	29.90	20	24	15	93	78	86	N. W.	W.		7	8		N.	C.			0.15
Wednes'y, 30,	30.05	24	32	16	85	70	78	W.	S. W.		5	8		O.	F.			T.
Thursday, 31,	30.25	24	30	19	76	69	72	N. W.	N.		10	8		C.	C.			0.00
Friday, Feb. 1,	30.32	26	36	16	67	70	68	N. W.	S. W.		6	8		F.	O.			0.00
Saturday, 2,	30.11	30	34	27	89	75	82	W.	N. W.		3	16		O.	F.			0.15
Week, - -	30.09		30	18			70											0.30

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In 6 smaller towns of Massachusetts, as reported to the State Board of Health for the month of January.

The total death rate of reporting towns was 11.1.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Consumption.	Typhoid Fever.
Revere,	7,293	2	1	..	1	..	..	..
Orange,	5,302	7	1	1	1	1	..	..
Hudson,	5,232	5	1	..	1	..	..	..
Easthampton,	4,478	6	1	..	..	..	1	..
Merrimac,	2,837	3	0	..	..	..	..	..
Norton,	1,839	2	1	..	..	..	..	..
Total of reporting towns,	26,981	25	5	1	3	1	1	0

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Feb. 9, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 6.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
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CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending February 9, 1895.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	187	64	19	42	..	13	4
Worcester,	100,410	29	11	1	7	..	1	..
Fall River,	92,233	38	16	6	8	2	2	1
Lowell,	90,613	32	13	3	..	1	..	..
Cambridge,	79,607	24	4	3	8	1	2	..
Lynn,	65,123	18	2	2	1	..	2	..
Somerville,	50,727	19	3	2	6	1	1	..
Springfield,	50,284	19	6	3	3	..	2	..
Lawrence,	49,900	13	2	2	..	..	..	1
New Bedford,	47,741	25	5	..	3	..	..	..
Holyoke,	43,348	13	7	4	2	1	..	..
Brockton,	33,939	8	2	..	4	..	..	..
Salem,	33,155	10	2	..	..	..	..	..
Haverhill,	32,925	7	3	2	..	..	1	..
Malden,	30,209	5	2	..	2	..	..	..
Chelsea,	29,806	17	5	..	3	..	..	..
Fitchburg,	29,383	5	1	..	..	..	..	..
Newton,	28,837	8	1	1	2	1	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	8	0	..	..	..	..	..
Waltham,		3	3	..	..	..	..	..
Quincy,		6	2	2	1	..	1	..
North Adams,		8	2	..	..	..	..	..
Pittsfield,		10	1	1	2	..	..	..
Everett,		6	4	1	..	..	1	..
Northampton,		7	4	1	2	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		4	1	..	..	..	..	..
Newburyport,		3	0	..	1	..	..	..
Brookline,		7	0	..	..	..	..	..
Medford,		5	2	..	2	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		..	..	..	..	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		1	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,622,653	553	168	53	99	7	26	6

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-three deaths were reported from the principal infectious diseases: diphtheria and croup, 26; diarrhœal diseases, 7; scarlet-fever, 6; cerebro-spinal meningitis, 5; whooping-cough, 4; typhoid fever, 3; measles, 1; puerperal fever, 1.

There were 99 deaths from acute lung diseases; consumption, 70; and still-births, 24.

From cerebro-spinal meningitis: Holyoke, 3; Boston and Pittsfield, 1 each. From whooping-cough: Fall River, Haverhill, Quincy and Northampton, 1 each. From typhoid fever: Lowell, 2; Boston, 1. From measles: Springfield, 1. From puerperal fever: Lawrence, 1.

Deaths under five years of age numbered 168, as compared with 187 for the preceding week.

Deaths from the principal infectious diseases numbered 53, as compared with 67 for the preceding week.

The death rates for the week were: Boston, 19.40; Worcester, 15.01; Fall River, 22.41; Lowell, 18.36; Cambridge, 15.67; Lynn, 14.37; Somerville, 19.47; Springfield, 19.54; Lawrence, 13.54; New Bedford, 27.27; Holyoke, 15.59; Brockton, 12.25; Salem, 15.68; Haverhill, 11.05; Malden, 8.60; Chelsea, 29.56; Fitchburg, 8.84; Newton, 14.42; Gloucester, ——; Taunton, 15.43; Waltham, 7.08; Quincy, 12.36; North Adams, 22.00; Pittsfield, 26.62; Everett, 22.44; Northampton, 21.84; Marlborough, 25.84; Chicopee, ——; Woburn, 13.92; Newburyport, 11.03; Medford, 2.04.

The total death rate for the week was 17.72, against 19.71 and 18.97 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING FEBRUARY 9, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	178.	Measles.	73.
Diphtheria and croup,	130.	Typhoid fever,	14.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Feb. 9, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 3,	30.36	18	24	11	57	70	64	N.	N. W.		12	8		C.	O.			0.00
Monday, 4,	29.94	22	24	21	92	86	89	N. W.	N. W.		11	13		N.	N.			0.11
Tuesday, 5,	29.86	8	13	3	49	50	50	N. W.	W.		14	20		C.	C.			0.01
Wednes'y, 6,	29.79	4	13	—6	51	50	50	W.	W.		26	18		C.	C.			0.00
Thursday, 7,	29.67	8	14	1	71	80	76	W.	N.		11	12		F.	O.			T.
Friday, 8,	28.93	19	36	2	68	55	62	S.	W.		25	33		N.	C.			0.83
Saturday, 9,	29.37	8	17	0	69	61	65	S. W.	W.		13	13		F.	O.			T.
Week, - -	29.70		20	5			65											0.95

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of January: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	142	130	272	Maple Syrup, . .	2	0	2
Butter, . . .	6	4	10	Canned Goods, .	2	0	2
Cheese, . . .	..	..	..	Honey, . . .	1	0	1
Lard, . . .	..	..	..	Tea, . . .	11	1	12
Olive Oil, . . .	5	0	5	Coffee, . . .	3	1	4
Vinegar, . . .	1	2	3	Cocoa, . . .	..	..	..
Spices, . . .	95	20	115	Confectionery, .	8	1	9
Cream of Tartar, .	19	0	19	Other articles of Food and Drinks,	4	6	10
Molasses, . . .	5	0	5	Drugs, . . .	36	104	140
Syrups, . . .	..	..	..				
Maple Sugar, . .	2	1	3				
				Totals, . .	342	270	612

Percentage of adulteration, 44.1. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of Milk found to be adulterated was 48.0 per cent., as compared with 50.7 per cent. for the preceding month, while the percentage of other articles of food and drugs was 41.2.

Twelve complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Four of these were for violation of the statutes relative to the sale of Milk, Distilled Water two, Face Bleach two, Larceny of Seals one, Mustard one, Ungt. Hydrargyri one and Zinc-Oxide one. Fines were imposed amounting to $220.

Among the samples of drugs examined were several samples of Spirits of Nitrous Ether, which proved on analysis to have the following percentages of strength required by statute: 1, 1, 2, 3, 3, 3, 3, 5, 6, 8, 10, 11, 16, 18, 19, 19, 20, 20, 21, 23, 25, 30, 33, 36, 36, 38, 41, 41, 41, 42, 43, 44, 52, 58, 60, 60, 63, 65, 65, 66, 67, 69, 70, 70, 70, 71, 77, 77, 79, 82, 90, 90 and 90.

The cities and towns from which samples of food were collected were Boston, Cambridge, Somerville, Springfield, Holyoke, Salem, Malden, Chelsea, Newton, Gloucester, Waltham, Quincy, Everett, Northampton, Woburn, Medford, Brookline, Amherst, Melrose, Palmer, Peabody, Revere, Stoneham, Ware, Watertown, Westfield and Winchester.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Feb. 16, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 7.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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MORTALITY OF MASSACHUSETTS

For the Week ending February 16, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	294	82	31	80	4	23	3
Worcester,	100,410	40	14	2	12	..	..	1
Fall River,	92,233	35	15	8	4	3	3	1
Lowell,	90,613	55	15	3	6	2	..	..
Cambridge,	79,607	23	8	4	4	..	2	1
Lynn,	65,123	30	7	2	4	..	..	1
Somerville,	50,727	22	7	2	9	..	..	1
Springfield,	50,284	20	3	..	10	..	..	..
Lawrence,	49,900	23	11	1	6	..	..	..
New Bedford,	47,741	21	9	2	6	..	2	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	11	2	..	..	..	..	..
Salem,	33,155	15	3	1	1	1	..	..
Haverhill,	32,925	21	6	..	6	..	..	..
Malden,	30,209	9	3	2	3	..	1	1
Chelsea,	29,806	16	8	..	3	..	..	..
Fitchburg,	29,383	11	5	..	1	..	..	..
Newton,	28,837	13	2	1	2	..	1	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	12	1	1	..	..	1	..
Waltham,		6	1	..	2	..	..	..
Quincy,		1	0	..	..	..	..	..
North Adams,		5	1	..	1	..	..	..
Pittsfield,		5	0	..	1	..	..	..
Everett,		11	5	1	..	..	..	1
Northampton,		5	3	..	3	..	..	..
Marlborough,		5	2	2	..	..	1	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		5	4	1	..	..	..	1
Newburyport,		4	0	..	..	..	..	..
Brookline,		..	..	..	..	..	..	..
Medford,		2	0	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		..	..	..	..	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		7	1	1	2	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,565,619	727	218	65	166	10	34	11

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-five deaths were reported from the principal infectious diseases: diphtheria and croup, 34; scarlet-fever, 11; diarrhœal diseases, 10; measles, cerebro-spinal meningitis, typhoid fever and puerperal fever, 2 each; whooping-cough and erysipelas, 1 each.

There were 166 deaths from acute lung diseases; consumption, 80; and still-births, 42.

No deaths were reported from small-pox and malarial fever.

From measles: Boston and Somerville, 1 each. From cerebro-spinal meningitis: Fall River and Marlborough, 1 each. From typhoid fever: Lowell and Lynn, 1 each. From puerperal fever: Cambridge and Lawrence, 1 each.

Deaths under five years of age numbered 215, as compared with 168 for the preceding week.

Deaths from the principal infectious diseases numbered 65, as compared with 53 for the preceding week.

The death rates for the week were: Boston, 30.50; Worcester, 20.71; Fall River, 19.73; Lowell, 31.56; Cambridge, 15.52; Lynn, 23.95; Somerville, 20.70; Springfield, 20.68; Lawrence, 23.96; New Bedford, 25.06; Holyoke, ——; Brockton, 16.85; Salem, 23.52; Haverhill, 33.16; Malden, 15.49; Chelsea, 27.92; Fitchburg, 19.46; Newton, 23.43; Gloucester, ——; Taunton, 23.15; Waltham, 14.17; Quincy, 2.75; North Adams, 13.75; Pittsfield, 13.31; Everett, 37.47; Northampton, 15.60; Marlborough, 16.15; Chicopee, ——; Woburn, 17.40; Newburyport, 14.61; Medford, 8.18.

The total death rate for the week was 24.14, against 17.72 and 19.71 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING FEBRUARY 16, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	135.	Measles.	62.
Diphtheria and croup,	135.	Typhoid fever,	13.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Feb. 16, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 10,	29.77	21	30	12	64	62	63	W.	N. W.		15	18		C.	C.			T.
Monday, 11,	29.93	28	37	19	68	53	60	W.	W.		9	7		C.	C.			0.00
Tuesday, 12,	29.79	26	35	16	65	66	66	W.	N. W.		12	12		F.	O.			0.00
Wednes'y, 13,	29.53	27	32	22	70	68	69	N.	W.		14	10		T.	C.			T.
Thursday, 14,	29.86	31	40	22	50	62	56	W.	W.		14	12		C.	C.			0.00
Friday, 15,	30.18	31	39	23	50	47	48	W.	W.		10	9		C.	C.			0.00
Saturday, 16,	29.89	30	40	21	57	56	56	W.	S. W.		13	12		C.	C.			0.00
Week, - -	29.85		36	19			60											

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

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Boston,	501,107	264	87	27	88	..	17	4
Worcester,	100,410	36	8	2	8	..	1	..
Fall River,	92,233	28	9	5	4	4	..	1
Lowell,	90,613	48	17	3	11	1	..	..
Cambridge,	79,607	35	3	3	9	..	3	..
Lynn,	65,123	32	..	..	11	..	..	..
Somerville,	50,727	26	2	4	11	..	..	2
Springfield,	50,284	28	9	2	14	..	..	..
Lawrence,	49,900	48	17	3	11	1	..	..
New Bedford,	47,741	25	9	2	6	..	..	1
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	12	1	..	4	..	..	..
Salem,	33,155	14	3	1	2	..	1	..
Haverhill,	32,925	13	1	2	1	..	1	1
Malden,	30,209	9	0	1	2	..	1	..
Chelsea,	29,806	18	2	..	5	..	..	..
Fitchburg,	29,383	7	3	..	1	..	..	..
Newton,	28,837	16	4	..	9	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	8	2	..	..	..	..	..
Waltham,		9	2	..	2	..	..	..
Quincy,		5	1	..	..	..	..	..
North Adams,		6	1	1	..	..	1	..
Pittsfield,		5	1	..	1	..	..	..
Everett,		5	4	..	..	..	..	..
Northampton,		8	2	..	1	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		9	3	1	..	..	..	1
Newburyport,		6	2	..	1	..	..	..
Brookline,		6	1	1	1	..	1	..
Medford,		7	3	..	2	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		..	..	..	..	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		4	1	..	4	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,563,209	737	198	58	209	6	26	10

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-eight deaths were reported from the principal infectious diseases: diphtheria and croup, 26; scarlet-fever, 10; diarrhœal diseases, 6; cerebro-spinal meningitis, 7; measles, 3; whooping-cough, erysipelas and typhoid fever, 2 each.

No deaths were reported from small-pox, malarial fever and puerperal fever.

There were 209 deaths from acute lung diseases; consumption, 88; and still-births, 27.

From cerebro-spinal meningitis: Boston and Somerville, 2 each; Lowell, Springfield and Lawrence, 1 each. From measles: Lowell, Springfield and Lawrence, 1 each. From whooping-cough: Boston and Worcester, 1 each. From erysipelas, Boston, 2. From typhoid fever: Boston and New Bedford, 1 each.

Deaths under five years of age numbered 198, as compared with 218 for the preceding week.

Deaths from the principal infectious diseases numbered 58, as compared with 65 for the preceding week.

The death rates for the week were: Boston, 27.39; Worcester, 18.64; Fall River, 15.38; Lowell, 27.54; Cambridge, 22.86; Lynn, 25.52; Somerville, 26.65; Springfield, 28.95; Lawrence, 50.05; New Bedford, 27.44; Holyoke, ——; Brockton, 18.38; Salem, 21.95; Haverhill, 20.53; Malden, 15.49; Chelsea, 31.41; Fitchburg, 12.38; Newton, 28.84; Gloucester, ——; Taunton, 15.43; Waltham, 21.26; Quincy, 10.30; North Adams, 16.50; Pittsfield, 13.31; Everett, 17.04; Northampton, 24.96; Marlborough, ——; Chicopee, ——; Woburn, 31.32; Newburyport, 22.07; Medford, 28.63.

The total death rate for the week was 24.50, against 24.14 and 17.72 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING FEBRUARY 23, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	169.	Measles,	65.
Diphtheria and croup,	114.	Typhoid fever,	15.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Feb. 23, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 17,	29.78	33	43	23	59	40	50	W.	W.	12	6	C.	O.		0.00
Monday, 18,	29.90	36	43	28	67	70	68	N.	S.	4	12	C.	O.		0.00
Tuesday, 19,	29.82	36	46	26	91	59	75	S. W.	S. W.	10	12	O.	C.		0.00
Wednes'y, 20,	29.76	33	38	28	57	48	52	W.	W.	10	10	C.	C.		0.00
Thursday, 21,	29.55	34	42	26	66	78	72	S.	S. W.	15	11	O.	C.		T.
Friday, 22,	29.77	24	28	19	56	54	55	W.	W.	20	16	C.	C.		0.01
Saturday, 23,	30.15	20	28	11	51	58	54	W.	N. W.	13	12	F.	C.		0.00
Week, - -	29.82		38	23			61								

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Mar. 2, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 9.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
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HIRAM F. MILLS, C.E., Lawrence.
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JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending March 2, 1895.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	282	68	20	77	3	12	..
Worcester,	100,410	51	22	5	10	1	2	..
Fall River,	92,233	44	20	6	13	5	1	..
Lowell,	90,613	45	21	5	11	3	1	..
Cambridge,	79,607	34	5	3	9	1	..	2
Lynn,	65,123	37	..	2	13	..	..	2
Somerville,	50,727	28	8	2	11	..	..	1
Springfield,	50,284	21	13	1	12	..	..	1
Lawrence,	49,900	43	14	7	10	..	..	..
New Bedford,	47,741	31	11	..	6	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	..	..	..	..	..	..	..
Salem,	33,155	26	4	1	5	..	..	..
Haverhill,	32,925	18	4	..	4	..	..	..
Malden,	30,209	10	2	..	..	..	..	..
Chelsea,	29,806	6	2	1	1	..	1	..
Fitchburg,	29,383	8	4	..	2	..	..	..
Newton,	28,837	6	1	..	2	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	12	2	..	..	..	..	..
Waltham,		11	4	1	4	..	1	..
Quincy,		8	3	..	2	..	..	..
North Adams,		5	1	..	2	..	..	..
Pittsfield,		5	5	2	4	..	1	..
Everett,		8	2	..	2	..	..	..
Northampton,		5	2	1	..	..	..	..
Marlborough,		6	4	2	1	..	1	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		6	0	1	2	1	..	..
Newburyport,		13	0	..	4	..	..	..
Brookline,		5	2	..	1	..	..	..
Medford,		6	0	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		5	0	..	2	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		8	2	..	7	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,557,013	793	226	60	217	14	20	6

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty deaths were reported from the principal infectious diseases: diphtheria and croup, 20; diarrhœal diseases, 14; scarlet-fever, 6; cerebro-spinal meningitis and erysipelas, 5 each; whooping-cough, 4; typhoid fever and puerperal fever, 3 each.

No deaths were reported from small-pox, measles and malarial fever.

There were 217 deaths from acute lung diseases; consumption, 84; and still-births, 39.

From cerebro-spinal meningitis: Lawrence, 4; Boston, 1. From erysipelas: Boston, 2; Salem, Pittsfield and Marlborough, 1 each. From whooping-cough: Worcester, 2; Lowell and Northampton, 1 each. From typhoid fever: Boston, Somerville and Lawrence, 1 each. From puerperal fever: Lawrence, 2; Boston, 1.

Deaths under five years of age numbered 226, as compared with 198 for the preceding week.

Deaths from the principal infectious diseases numbered 60, as compared with 58 for the preceding week.

The death rates for the week were: Boston, 29.25; Worcester, 26.40; Fall River, 24.80; Lowell, 25.82; Cambridge, 22.20; Lynn, 29.54; Somerville, 28.70; Springfield, 21.71; Lawrence, 44.81; New Bedford, 33.78; Holyoke, ——; Brockton, ——; Salem, 40.76; Haverhill, 28.42; Malden, 17.21; Chelsea, 10.47; Fitchburg, 14.15; Newton, 10.81; Gloucester, ——; Taunton, 23.15; Waltham, 25.99; Quincy, 16.48; North Adams, 13.75; Pittsfield, 13.31; Everett, 27.25; Northampton, 15.60; Marlborough, 19.28; Chicopee, ——; Woburn, 20.88; Newburyport, 47.82; Medford, 24.56.

The total death rate for the week was 26.48, against 24.50 and 24.14 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MARCH 2, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	186.	Measles,	109.
Diphtheria and croup,	131.	Typhoid fever,	13.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Mar. 2, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, Feb. 24,	30.42	18	29	8	40	44	42	W.	W.		8	12		F.	C.			0.00
Monday, 25,	29.98	34	45	23	76	63	70	S. W.	W.		15	9		O.	O.			T.
Tuesday, 26,	30.08	22	27	18	62	53	58	N. W.	N. W.		20	20		F.	C.			0.00
Wednes'y, 27,	29.95	24	35	13	42	54	48	W.	W.		11	4		C.	C.			0.00
Thursday, 28,	29.58	36	42	30	79	68	74	N. E.	S.		4	6		F.	O.			0.00
Friday, Mar. 1,	29.51	50	58	41	73	74	74	S. W.	S. W.		14	10		O.	O.			T.
Saturday, 2,	29.74	37	42	32	100	90	95	N. W.	N. W.		10	9		R.	O.			0.45
Week, - -																		

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In 5 smaller towns of Massachusetts, as reported to the State Board of Health for the month of February.

The total death rate of reporting towns was 13.3.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Acute Lung Diseases.	Consumption.	Bronchitis.	Bright's Disease.
Revere,	7,293	6	1	..	..	..	..	..
Orange,	5,302	4	0	..	..	1	..	1
Hudson,	5,232	6	0	..	1	..	..	..
Merrimac,	2,837	6	0	..	..	..	1	..
Norton,	1,839	3	0	..	..	1	..	..
Total of reporting towns,	22,503	25	1	0	1	2	1	1

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Mar. 9, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 10.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending March 9, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	235	71	15	50	2	7	3
Worcester,	100,410	34	7	2	9	..	1	..
Fall River,	92,233	49	25	4	20	2	1	1
Lowell,	90,613	28	8	2	8	..	1	..
Cambridge,	79,607	34	7	1	5	..	..	..
Lynn,	65,123	28	5	2	5	..	1	..
Somerville,	50,727	20	8	4	5	..	3	1
Springfield,	50,284	27	6	3	10	..	..	1
Lawrence,	49,900	20	7	2	7	..	..	..
New Bedford,	47,741	24	7	2	5	1	1	..
Holyoke,	43,348	14	4	5	3	2	..	..
Brockton,	33,939	17	6	1	4	..	..	1
Salem,	33,155	15	1	..	5	..	..	..
Haverhill,	32,925	4	2	..	..	..	..	..
Malden,	30,209	12	2	..	..	..	..	..
Chelsea,	29,806	11	2	1	..	..	..	1
Fitchburg,	29,383	7	4	..	..	..	..	..
Newton,	28,837	17	1	..	6	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	18	..	..	..	..	..	..
Waltham,		7	3	..	3	..	..	..
Quincy,		8	5	..	2	..	..	..
North Adams,		8	1	..	1	..	..	..
Pittsfield,		4	1	..	3	..	..	..
Everett,		..	..	..	..	..	..	..
Northampton,		5	2	..	1	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		6	3	1	1	1	..	..
Newburyport,		6	1	..	2	..	..	..
Brookline,		..	..	..	..	..	..	..
Medford,		3	1	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		5	2	..	1	..	..	..
Clinton,		5	0	1	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		..	..	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,588,925	671	192	46	156	8	15	8

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-six deaths were reported from the principal infectious diseases: diphtheria and croup, 15; diarrhœal diseases, 8; scarlet-fever, 8; typhoid fever, 6; cerebro-spinal meningitis, 6; measles, 2; whooping-cough, 1.

No deaths were reported from small-pox, puerperal fever, erysipelas and malarial fever.

There were 156 deaths from acute lung diseases; consumption, 82; and still-births, 23.

From typhoid fever: Boston, Worcester, Lowell, Cambridge, Springfield and Clinton, 1 each. From cerebro-spinal meningitis: Holyoke, 3; Lawrence, 2; Lynn, 1. From measles: Boston and Springfield, 1 each. From whooping-cough: Boston, 1.

Deaths under five years of age numbered 192, as compared with 226 for the preceding week.

Deaths from the principal infectious diseases numbered 46, as compared with 60 for the preceding week.

The death rates for the week were: Boston, 24.38; Worcester, 17.60; Fall River, 27.62; Lowell, 15.66; Cambridge, 22.20; Lynn, 22.35; Somerville, 20.50; Springfield, 27.92; Lawrence, 20.84; New Bedford, 26.15; Holyoke, 16.79; Brockton, 26.04; Salem, 23.52; Haverhill, 6.31; Malden, 20.65; Chelsea, 19.19; Fitchburg, 12.38; Newton, 30.65; Gloucester, ——; Taunton, 34.72; Waltham, 16.54; Quincy, 16.48; North Adams, 22.00; Pittsfield, 10.64; Everett, ——; Northampton, 15.60; Marlborough, ——; Chicopee, ——; Woburn, 20.88; Newburyport, 22.07; Medford, 12.27.

The total death rate for the week was 21.96, against 26.48 and 24.50 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MARCH 9, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	154.	Measles, ...	135.
Diphtheria and croup, ...	90.	Typhoid fever, ...	16.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Mar. 9, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 3,	29.85	30	35	25	68	72	70	N. W.	S. W.		10	12		O.	C.			0.00
Monday, 4,	29.89	31	37	25	61	98	80	N.	N. W.		10	7		O.	O.			0.00
Tuesday, 5,	30.11	22	29	16	43	59	51	W.	W.		20	12		C.	C.			0.07
Wednes'y, 6,	30.44	27	36	18	54	100	77	W.	S. E.		7	8		C.	N.			0.03
Thursday, 7,	30.16	34	38	29	80	100	90	N.	N.		5	8		F.	R.			0.17
Friday, 8,	29.88	39	44	34	93	96	94	N. W.	E.		7	7		R.	O.			0.56
Saturday, 9,	29.56	41	48	34	95	55	75	N. E.	W.		7	16		G.	C.			0.01
Week, - -	29.98		38	26			77											0.84

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of February: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	131	144	275	Maple Syrup, . .	6	2	8
Butter, . . .	13	0	13	Canned Goods, .	..	..	..
Cheese, . . .	3	0	3	Honey, . . .	10	2	12
Lard, . . .	2	1	3	Tea, . . .	4	0	4
Olive Oil, . . .	2	0	2	Coffee, . . .	7	0	7
Vinegar, . . .	1	1	2	Cocoa, . . .	..	..	..
Spices, . . .	72	13	85	Confectionery, .	3	0	3
Cream of Tartar, .	21	1	22	Other articles of Food and Drinks,	8	0	8
Molasses, . . .	27	1	28	Drugs, . . .	14	23	37
Syrups, . . .	1	1	2				
Maple Sugar, . .	26	5	31	Totals, . .	361	194	555

Percentage of adulteration, 34.9. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of Milk found to be adulterated was 62.7 per cent., as compared with 48.0 per cent. for the preceding month, while the percentage of other articles of food and drugs was 17.8.

Four complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Two of these were for violation of the statutes relative to the sale of Milk, Butter one, and Distilled Water one.

The samples of drugs found to be adulterated were Extract of Liquorice, Peroxide of Hydrogen, Spirits of Nitrous Ether and Tincture of Opium.

The cities and towns from which samples of food were collected were Boston, Fall River, Lowell, Cambridge, Somerville, Salem, Malden, Chelsea, Taunton, Waltham, Everett, Woburn, Medford, Amherst, Arlington, Ashland, Bedford, Dedham, Framingham, Hyde Park, Peabody, Stoneham, Ware and Winthrop.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Mar. 16, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 11.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending March 16, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Cerebro-Spinal Meningitis.	Scarlet-fever.
Boston,	501,107	217	64	9	32	5	..	2
Worcester,	100,410	35	12	5	10	1	2	..
Fall River,	92,233	50	27	4	16	3	1	..
Lowell,	90,613	45	14	4	8	1	..	..
Cambridge,	79,607	29	7	1	6	1	..	..
Lynn,	65,123	34	10	4	1	..	3	1
Somerville,	50,727	21	6	5	5	1	2	..
Springfield,	50,284	17	5	..	7	..	..	..
Lawrence,	49,900	19	8	1	4	..	..	..
New Bedford,	47,741	21	4	..	5	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	11	4	..	2	..	..	..
Salem,	33,155	9	2	..	1	..	..	..
Haverhill,	32,925	10	4	..	1	..	..	..
Malden,	30,209	14	2	..	5	..	..	..
Chelsea,	29,806	9	5	1	1	..	1	..
Fitchburg,	29,383	7	2	1	1	..	1	..
Newton,	28,837	3	0	1	..	..	..	1
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	13	4	3	..	2	..	..
Waltham,		5	2	1	2	..	..	1
Quincy,		4	2	..	1	..	..	..
North Adams,		6	2	1	2	..	..	..
Pittsfield,		8	2	..	1	..	..	..
Everett,		8	3	2	..	1	..	1
Northampton,		4	0	..	..	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		..	..	..	..	..	..	..
Newburyport,		9	2	..	..	..	..	..
Brookline,		4	2	..	..	..	..	..
Medford,		7	0	..	2	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		..	..	..	..	..	..	..
Clinton,		1	0	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		5	0	..	2	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Cerebro-Spinal Meningitis.	Scarlet-fever.
Total of reporting towns,	1,449,878	625	195	43	115	15	10	6

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-three deaths were reported from the principal infectious diseases: diphtheria and croup, 15; cerebro-spinal meningitis, 10; scarlet-fever, 6; typhoid fever, 5; diarrhœal diseases, 3; whooping-cough and erysipelas, 2 each.

No deaths were reported from small-pox, measles, malarial fever and puerperal fever.

There were 115 deaths from acute lung diseases: consumption, 66; and still-births, 38.

From typhoid fever: Lowell, 2; Boston, Somerville and North Adams, 1 each. From diarrhœal diseases: Worcester, 2; Lowell, 1. From whooping-cough: Somerville and Lawrence, 1 each. From erysipelas: Boston and Taunton, 1 each.

Deaths under five years of age numbered 195, as compared with 192 for the preceding week.

Deaths from the principal infectious diseases numbered 43, as compared with 46 for the preceding week.

The death rates for the week were: Boston, 22.51; Worcester, 18.12; Fall River, 28.19; Lowell, 25.82; Cambridge, 18.94; Lynn, ——; Somerville, 21.52; Springfield, 17.57; Lawrence, 19.70; New Bedford, 22.88; Holyoke, ——; Brockton, ——; Salem, 14.11; Haverhill, 15.79; Malden, 24.09; Chelsea, 15.70; Fitchburg, 12.38; Newton, 5.40; Gloucester, ——; Taunton, 25.08; Waltham, 11.81; Quincy, 8.24; North Adams, 16.50; Pittsfield, 21.29; Everett, 27.25; Northampton, 12.48; Marlborough, ——; Chicopee, ——; Woburn, ——; Newburyport, 33.11; Medford, 28.65.

The total death rate for the week was 23.10, against 21.96 and 26.48 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MARCH 16, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	145.	Measles.	117.
Diphtheria and croup,	111.	Typhoid fever,	21.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Mar. 16, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 10,	29.98	38	48	29	51	61	56	S. W.	W.	6	10	C.	O.		0.00
Monday, 11,	30.26	28	30	26	49	65	57	N.	S. E.	9	10	O.	F.		T.
Tuesday, 12,	30.24	31	34	28	53	68	60	E.	S. E.	11	8	O.	O.		0.00
Wednes'y, 13,	30.12	38	43	32	70	91	80	S.	E.	9	11	O.	O.		T.
Thursday, 14,	29.90	38	49	28	92	40	66	N. W.	N. W.	18	19	O.	C.		0.80
Friday, 15,	30.06	20	27	14	44	100	72	N. W.	N. E.	7	3	O.	N.		0.12
Saturday, 16,	29.64	30	37	23	87	57	72	N. W.	W.	10	13	N.	C.		0.06
Week, - -	30.03		38	26			66								0.98

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Mar. 23, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 12.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending March 23, 1895.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Deaths from Acute Lung Diseases.	Deaths from Diphtheria and Croup.	Deaths from Cerebro-Spinal Meningitis.	Deaths from Scarlet-fever.
Boston,	501,107	223	59	22	52	7	2	5
Worcester,	100,410	37	10	5	7	3	2	..
Fall River,	92,233	42	14	1	13	..	..	1
Lowell,	90,613	39	16	5	8	..	..	..
Cambridge,	79,607	20	6	1	4	..	..	..
Lynn,	65,123	23	..	3	3	..	1	1
Somerville,	50,727	15	2	2	4	1	1	..
Springfield,	50,284	26	7	3	5	..	..	..
Lawrence,	49,900	19	5	..	..	..	..	..
New Bedford,	47,741	21	8	4	3	1	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	8	2	1	3	..	..	..
Salem,	33,155	11	4	..	2	..	..	..
Haverhill,	32,925	7	2	2	2	1	..	..
Malden,	30,209	11	3	2	1	..	..	1
Chelsea,	29,806	9	2	2	..	..	1	..
Fitchburg,	29,383	13	3	..	..	..	..	..
Newton,	28,837	7	0	1	..	..	..	1
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	14	..	2	..	2	..	..
Waltham,		4	1	..	1	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		3	1	1	..	1	..	..
Pittsfield,		3	0	..	2	..	..	..
Everett,		..	..	..	..	..	..	..
Northampton,		8	1	..	2	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		5	0	..	..	..	..	..
Newburyport,		5	0	..	2	..	..	..
Brookline,		5	0	..	..	..	..	..
Medford,		4	1	1	..	..	..	1
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		..	..	..	..	..	..	..
Clinton,		4	1	2	1	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		3	1	..	1	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Cerebro-Spinal Meningitis.	Scarlet-fever.
Total of reporting towns,	1,539,170	589	147	57	116	16	7	10

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-seven deaths were reported from the principal infectious diseases: diphtheria and croup, 16; scarlet-fever, 10; cerebro-spinal meningitis, 7; typhoid fever, 6; diarrhœal diseases, 6; whooping-cough, 5; erysipelas, 5; measles, 2.

There were 116 deaths from acute lung diseases; consumption, 74; and still-births, 31.

From typhoid fever: Lowell, 3; Boston, Springfield and Clinton, 1 each. From diarrhœal diseases: Boston and Lowell, 2 each; Lynn and Haverhill, 1 each. From whooping-cough: Boston, 2; Cambridge, Springfield, Brockton and Chelsea, 1 each. From erysipelas: New Bedford, 3; Boston, 2. From measles: Boston and Clinton, 1 each.

Deaths under five years of age numbered 147, as compared with 192 for the preceding week.

Deaths from the principal infectious diseases numbered 57, as compared with 43 for the preceding week.

The death rates for the week were: Boston, 29.43; Worcester, 19.15; Fall River, 23.67; Lowell, 21.98; Cambridge, 13.06; Lynn, 18.36; Somerville, 15.52; Springfield, 26.88; Lawrence, 19.80; New Bedford, 22.88; Holyoke, ——; Brockton, 12.25; Salem, 17.24; Haverhill, 10.98; Malden, 18.93; Chelsea, 13.59; Fitchburg, 23.00; Newton, 12.62; Gloucester, ——; Taunton, 27.01; Waltham, 9.45; Quincy, ——; North Adams, 8.25; Pittsfield, 7.98; Everett, ——; Northampton, 24.96; Marlborough, ——; Chicopee, ——; Woburn, 17.40; Newburyport, 18.39; Medford, 16.37.

The total death rate for the week was 19.89, against 23.10 and 21.96 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MARCH 23, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	142.	Measles,	92.
Diphtheria and croup,	96.	Typhoid fever,	9.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Mar. 23, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 17,	29.75	30	36	23	51	40		46	W.	S. W.		18	13		C.	C.			0.00
Monday, 18,	29.62	32	37	27	58	46		52	W.	W.		24	24		C.	C.			T.
Tuesday, 19,	29.82	33	40	26	35	48		42	W.	W.		22	10		C.	C.			0.00
Wednes'y, 20,	29.98	34	43	25	44	53		48	N. W.	N. E.		17	5		C.	F.			0.00
Thursday, 21,	30.04	32	38	25	47	60		54	N.	S. E.		12	3		O.	C.			0.00
Friday, 22,	30.29	36	41	31	75	63		69	N. E.	N. E.		7	5		O.	O.			T.
Saturday, 23,	30.50	37	42	32	52	54		53	N.	S. W.		13	8		C.	C.			0.00
Week, - -	30.00		39	27				52											0.00

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Mar. 30, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 13.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

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MORTALITY OF MASSACHUSETTS

For the Week ending March 30, 1895.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

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CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	242	63	22	58	..	13	3
Worcester,	100,410	45	14	3	10	2	..	..
Fall River,	92,233	39	19	7	12	3	..	3
Lowell,	90,613	37	16	2	7	1	..	..
Cambridge,	79,607	20	5	2	2	1	1	..
Lynn,	65,123	21	1	3	2	..	1	..
Somerville,	50,727	14	5	4	5	..	1	1
Springfield,	50,284	24	8	4	7	..	1	..
Lawrence,	49,900	17	2	1	1	..	..	1
New Bedford,	47,741	20	6	..	4	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	11	3	1	..	..	..	..
Salem,	33,155	14	4	2	1	..	1	..
Haverhill,	32,925	14	5	..	2	..	1	..
Malden,	30,209	10	5	2	2	..	..	1
Chelsea,	29,806	9	0	1	1	..	1	..
Fitchburg,	29,383	10	3	..	3	..	1	..
Newton,	28,837	5	1	..	1	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	10	2	..	..	..	..	..
Waltham,		6	1	..	4	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		12	3	..	..	..	..	..
Pittsfield,		6	3	1	1	..	..	..
Everett,		4	1	..	..	..	..	..
Northampton,		2	1	..	..	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		5	2	..	1	..	..	..
Newburyport,		3	2	..	..	..	..	..
Brookline,		..	..	..	..	..	..	..
Medford,		..	..	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		6	1	..	3	..	..	..
Clinton,		3	1	1	1	..	1	..
Adams,		..	..	..	..	..	..	..
Amesbury,		4	0	1	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,528,938	613	177	57	128	7	22	9

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-seven deaths were reported from the principal infectious diseases: diphtheria and croup, 22; scarlet-fever, 9; cerebro-spinal meningitis, 8; diarrhœal diseases, 7; measles, whooping-cough and typhoid fever, 3 each; erysipelas and puerperal fever, 1 each.

No deaths were reported from small-pox and malarial fever.

There were 128 deaths from acute lung diseases; consumption, 68; and still-births, 37.

From cerebro-spinal meningitis: Lynn and Somerville, 2 each; Boston, Fall River, Pittsfield and Amesbury, 1 each. From measles: Springfield, 2; Boston, 1. From whooping-cough: Boston, Worcester and Salem, 1 each. From typhoid fever: Boston, 2; Lowell, 1. From erysipelas: Boston, 1. From puerperal fever: Springfield, 1.

Deaths under five years of age numbered 128, as compared with 147 for the preceding week.

Deaths from the principal infectious diseases numbered 57, the same as for the preceding week.

The death rates for the week were: Boston, 25.10; Worcester, 23.30; Fall River, 21.98; Lowell, 21.23; Cambridge, 13.06; Lynn, 16.76; Somerville, 14.35; Springfield, 25.01; Lawrence, 17.71; New Bedford, 21.79; Holyoke, ——; Brockton, 16.85; Salem, 21.95; Haverhill, 22.11; Malden, 17.21; Chelsea, 15.70; Fitchburg, 17.69; Newton, 9.01; Gloucester, ——; Taunton, 19.29; Waltham, 15.17; Quincy, ——; North Adams, ——; Pittsfield, 15.96; Everett, 13.62; Northampton, 6.24; Marlborough, ——; Chicopee, ——; Woburn, 17.40; Newburyport, 11.03; Medford, ——.

The total death rate for the week was 20.84, against 19.89 and 23.10 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MARCH 30, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	127.	Measles,	232.
Diphtheria and croup,	89.	Typhoid fever,	6.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Mar. 30, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 24,	30.34	42	52	.32	60	76		68	S. W.	S. W.		12	10		F.	O.			T.
Monday, 25,	29.94	42	50	34	81	79		80	S.	S. W.		8	9		O.	C.			0.10
Tuesday, 26,	29.76	42	49	36	59	60		60	W.	N. W.		10	20		C.	F.			T.
Wednes'y, 27,	29.78	37	46	28	50	51		51	N. W.	W.		16	7		F.	C.			0.00
Thursday, 28,	29.42	36	40	32	92	59		76	W.	N. W.		11	19		O.	C.			0.31
Friday, 29,	29.92	36	44	29	50	44		47	N. W.	W.		20	11		C.	O.			0.00
Saturday, 30,	30.06	33	38	28	58	44		51	N. W.	N. W.		22	15		C.	C.			0.04
Week, - -	29.89		46	31				62											0.45

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, April 6, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 14.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending April 6, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Cerebro-spinal Meningitis.
Boston,	501,107	207	50	15	42	..	9	1
Worcester,	100,410	36	11	4	4	..	..	2
Fall River,	92,233	28	17	5	6	3	1	1
Lowell,	90,613	37	11	4	6	1	1	1
Cambridge,	79,607	20	6	4	2	..	3	..
Lynn,	65,123	20	..	6	1	..	1	2
Somerville,	50,727	10	3	2	2	..	..	1
Springfield,	50,284	18	5	2	5	..	..	..
Lawrence,	49,900	12	5	..	1	..	..	..
New Bedford,	47,741	17	2	..	2	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	9	1	..	2	..	..	..
Salem,	33,155	8	1	..	2	..	..	..
Haverhill,	32,925	12	5	..	1	..	..	..
Malden,	30,209	12	4	1	3	..	..	1
Chelsea,	29,806	13	5	4	2	..	2	1
Fitchburg,	29,383	9	2	1	1	1	..	..
Newton,	28,837	11	2	..	2	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	7	3	1	..	..	..	..
Waltham,		6	1	..	1	..	..	..
Quincy,		6	4	..	2	..	..	..
North Adams,		..	..	..	..	..	..	..
Pittsfield,		6	0	..	..	..	..	..
Everett,		5	2	..	3	..	..	..
Northampton,		2	0	..	..	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		12	2	..	..	..	..	..
Newburyport,		3	0	..	1	..	..	..
Brookline,		..	..	..	..	..	..	..
Medford,		3	2	..	1	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		5	3	2	..	..	2	..
Clinton,		1	0	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		2	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Cerebro-spinal Meningitis.
Total of reporting towns,	1,543,111	537	147	51	92	5	19	10

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-one deaths were reported from the principal infectious diseases: diphtheria and croup, 19; cerebro-spinal meningitis, 10; diarrhœal diseases, 5; scarlet-fever, whooping-cough, erysipelas and typhoid fever, 4 each; puerperal fever, 1.

No deaths were reported from small-pox, malarial fever and measles.

There were 92 deaths from acute lung diseases; consumption, 48; and still-births, 51.

From scarlet-fever: Lynn, 2; Chelsea and Taunton, 1 each. From whooping-cough: Worcester, 2; Cambridge and Springfield, 1 each. From erysipelas: Boston, 3; Somerville, 1. From typhoid fever: Boston, Lowell, Lynn and Springfield, 1 each.

Deaths under five years of age numbered 147, as compared with 177 for the preceding week.

Deaths from the principal infectious diseases numbered 51, as compared with 57 for the preceding week.

The death rates for the week were: Boston, 21.37; Worcester, 18.64; Fall River, 15.78; Lowell, 21.23; Cambridge, 13.06; Lynn, ——; Somerville, 10.25; Springfield, 18.61; Lawrence, 12.50; New Bedford, 18.42; Holyoke, ——; Brockton, 13.78; Salem, 12.54; Haverhill, 18.95; Malden, 22.37; Chelsea, 22.68; Fitchburg, 15.92; Newton, ——; Gloucester, ——; Taunton, 13.50; Waltham, 14.17; Quincy, ——; North Adams, ——; Pittsfield, 15.97; Everett, 17.03; Northampton, 6.24; Marlborough, ——; Chicopee, ——; Woburn, ——; Newburyport, 11.03; Medford, 12.28.

The total death rate for the week was 17.97, against 20.84 and 19.89 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING APRIL 6, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	112.	Measles,	234.
Diphtheria and croup,	76.	Typhoid fever,	14.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, April 6, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, Mar. 31,	30.12	35	44	26	24	24	24	N. W.	N. W.		22	13		C.	O.			0.00
Monday, April 1,	29.79	37	42	32	30	52	41	W.	S. E.		6	4		O.	R.			T.
Tuesday, 2,	29.63	38	41	34	82	88	85	N. E.	E.		4	5		O.	O.			T.
Wednes'y, 3,	29.56	40	47	33	93	44	68	N.	N. W.		13	11		N.	O.			0.40
Thursday, 4,	29.90	37	44	30	55	50	52	W.	W.		14	8		C.	C.			0.00
Friday, 5,	30.18	40	50	31	39	40	40	N. W.	N.		12	10		C.	C.			0.00
Saturday, 6,	30.38	42	51	33	48	74	61	N. W.	S. W.		5	12		C.	F.			0.00
Week, - -	29.94		45	31			53											0.40

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In 6 smaller towns of Massachusetts, as reported to the State Board of Health for the month of March.

The total death rate of reporting towns was 16.5.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from					
				Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Scarlet-fever.	Consumption.	
Revere,	7,293	4	0	..	4	..	..	..	
Orange,	5,302	10	2	1	1	1	..	..	
Hudson,	5,232	6	1	..	1	..	..	..	
Easthampton,	4,478	10	1	..	..	..	..	2	
Merrimac,	2,837	5	0	3	..	..	3	..	
Norton,	1,899	2	0	..	..	..	..	..	
Total of reporting towns,	26,981	37	4	4	6	1	3	2	

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, April 13, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 15.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

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MORTALITY OF MASSACHUSETTS

For the Week ending April 13, 1895.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population, 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Cerebro-spinal Meningitis.	Scarlet-fever.
Boston,	501,107	211	78	24	44	12	1	6
Worcester,	100,410	40	7	3	6	..	3	..
Fall River,	92,233	29	18	8	8	1	1	3
Lowell,	90,613	60	24	7	7	1	..	..
Cambridge,	79,607	33	11	4	7	2	..	..
Lynn,	65,123	17	6	5	1	1	1	..
Somerville,	50,727	17	2	2	3	..	1	1
Springfield,	50,284	20	9	..	6	..	..	..
Lawrence,	49,900	15	9	2	1	..	1	1
New Bedford,	47,741	16	6	1	2	..	1	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	9	4	..	3	..	..	..
Salem,	33,155	18	0	3	1	1	1	1
Haverhill,	32,925	20	4	2	3	2	..	..
Malden,	30,209	10	1	..	2	..	..	..
Chelsea,	29,806	11	4	2	2	2	..	..
Fitchburg,	29,383	8	2	..	2	..	..	..
Newton,	28,837	7	0	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	7	2	..	..	..	..	..
Waltham,		3	2	..	..	..	..	..
Quincy,		9	1	1	7	1	..	..
North Adams,		..	..	..	..	..	..	..
Pittsfield,		9	4	1	2	..	1	..
Everett,		3	1	..	..	..	..	..
Northampton,		3	1	..	1	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		6	1	1	2	..	..	1
Newburyport,		6	0	..	..	..	..	..
Brookline,		5	0	..	..	..	..	..
Medford,		5	1	..	2	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		2	1	..	..	..	..	..
Clinton,		3	1	1	..	..	1	..
Adams,		..	..	..	..	..	..	..
Amesbury,		2	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Cerebro-spinal Meningitis.	Scarlet-fever.
Total of reporting towns,	1,557,872	614	200	67	112	23	12	13

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-seven deaths were reported from the principal infectious diseases: diphtheria and croup, 23; scarlet-fever, 13; cerebro-spinal meningitis, 12; typhoid fever, 8; diarrhœal diseases, 5; measles and whooping-cough, 2 each; erysipelas and puerperal fever, 1 each.

No deaths were reported from small-pox and malarial fever.

There were 112 deaths from acute lung diseases; consumption, 74; and still-births, 26.

From typhoid fever: Lowell, 4; Lynn, 2; Boston and Cambridge, 1 each. From diarrhœal diseases: Fall River, 3; Lowell, 2. From measles: Boston and Cambridge, 1 each. From whooping-cough: Boston, 2. From erysipelas: Boston, 1. From puerperal fever: Lynn, 1.

Deaths under five years of age numbered 200, as compared with 147 for the preceding week.

Deaths from the principal infectious diseases numbered 67, as compared with 51 for the preceding week.

The death rates for the week were: Boston, 21.89; Worcester, 20.71; Fall River, 16.35; Lowell, 35.43; Cambridge, 21.55; Lynn, 13.57; Somerville, 17.42; Springfield, 20.68; Lawrence, 15.63; New Bedford, 16.43; Holyoke, ——; Brockton, 13.78; Salem, 28.72; Haverhill, 15.86; Malden, 17.21; Chelsea, 19.19; Fitchburg, 14.15; Newton, 12.62; Gloucester, ——; Taunton, 13.50; Waltham, 7.08; Quincy, 18.54; North Adams, ——; Pittsfield, 23.95; Everett, 10.22; Northampton, 9.36; Marlborough, ——; Chicopee, ——; Woburn, 20.88; Newburyport, 22.07; Medford, 20.47.

The total death rate for the week was 20.49, as compared with 20.84 and 17.97 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING APRIL 13, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	101.	Measles.	265.
Diphtheria and croup,	82.	Typhoid fever,	19.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL	
Week ending Saturday, April 13, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 7,	30.39	39	45	33	80	80	80	S. W.	S. E.	2	6	O.	O.		T.
Monday, 8,	30.07	49	60	38	96	74	85	E.	S.	5	16	O.	O.		T.
Tuesday, 9,	29.37	54	63	45	86	97	92	S.	S. W.	27	10	R.	O.		0.86
Wednes'y, 10,	29.74	44	51	36	62	47	54	N. W.	N.	24	19	C.	C.		0.10
Thursday, 11,	30.56	37	47	27	28	22	25	N. W.	N. E	17	4	C.	C.		0.00
Friday, 12,	30.60	43	52	34	51	65	58	S. W.	S.	13	16	C.	F.		0.00
Saturday, 13,	30.08	50	60	39	70	100	85	S.	S.	15	20	O.	R.		0.06
Week, - -	30.11		54	36			68								1.02

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of March: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	127	195	322	Maple Syrup, . .	3	1	4
Butter, . . .	29	0	29	Canned Goods, .	3	5	8
Cheese, . . .	..	..	..	Honey, . . .	2	0	2
Lard, . . .	2	0	2	Tea, . . .	10	0	10
Olive Oil, . . .	1	1	2	Coffee, . . .	8	2	10
Vinegar, . . .	..	..	..	Cocoa, . . .	..	..	..
Spices, . . .	108	21	129	Confectionery, .	6	0	6
Cream of Tartar, .	66	1	67	Other articles of Food and Drinks,	7	7	14
Molasses, . . .	8	0	8	Drugs, . . .	39	52	91
Syrups, . . .	..	..	..				
Maple Sugar, . .	10	0	10				
				Totals, . .	429	285	714

Percentage of adulteration, 39.9. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of Milk found to be adulterated was 60.5 per cent., as compared with 62.7 per cent. for the preceding month, while the percentage of other articles of food and drugs was 23.0.

Thirteen complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Nine of these were for violation of the statutes relative to the sale of Milk, Honey, Lard, Maple Syrup and Molasses, each one. Fines were imposed amounting to $317.30.

A sample of "Cunningham's Desiccated Egg Food" is found on analysis to contain the following ingredients:

Protein, . . .	17.0	per cent.
Fat, ...	3.5	"
Water, . . .	6.7	"
Sugar, . . .	31.5	"
Salts, . . .	2.2	"
Corn Starch, . .	39.1	"
	100.0	" (colored yellow).

This package is labelled "Equal to 12 eggs." Analysis, however, shows that the amount of protein contained is only equivalent to that of two eggs of average size.

The samples of drugs found to be adulterated were Chlorinated Lime, Compound Spirits of Ether, Ether, Extract of Liquorice, Red Wine, Spirits of Nitrous Ether, Tincture of Opium and White Castile Soap.

Weekly Bulletin

OF THE

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—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, April 20, 1895.

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VOL. XIII. No. 16.

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MORTALITY OF MASSACHUSETTS

For the Week ending April 20, 1895.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

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Boston,	501,107	194	53	17	47	3	7	1
Worcester,	100,410	29	15	4	3	1	1	..
Fall River,	92,233	40	19	5	17	..	2	..
Lowell,	90,613	22	7	2	6	..	..	..
Cambridge,	79,607	32	9	3	8	..	2	1
Lynn,	65,123	15	..	2	..	..	..	1
Somerville,	50,727	17	4	3	2	..	2	..
Springfield,	50,284	13	5	2	4	1	..	..
Lawrence,	49,900	17	6	3	4	1	..	1
New Bedford,	47,741	18	4	..	3	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	9	2	1	1	..	..	..
Salem,	33,155	8	0	1	..	..	..	1
Haverhill,	32,925	16	4	2	4	..	1	..
Malden,	30,209	13	1	2	2	..	2	..
Chelsea,	29,806	13	3	3	1	..	..	2
Fitchburg,	29,383	6	0	..	2	..	..	..
Newton,	28,837	7	1	..	1	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	7	1	..	..	..	..	..
Waltham,		6	1	1	2	..	..	..
Quincy,		6	1	2	..	..	1	..
North Adams,		..	..	..	..	..	..	..
Pittsfield,		..	..	..	..	..	..	..
Everett,		11	6	4	1	..	..	..
Northampton,		4	2	1	..	..	..	1
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		1	0	..	..	..	..	..
Newburyport,		6	0	..	..	..	..	..
Brookline,		..	..	..	..	..	..	..
Medford,		5	1	..	2	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		3	2	..	2	..	..	..
Clinton,		4	3	3	3	1	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		2	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Whooping-cough.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,481,819	524	150	61	115	7	18	8

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-one deaths were reported from the principal infectious diseases: diphtheria and croup, 18; cerebro-spinal meningitis, 9; whooping-cough, 8; scarlet-fever, 7; typhoid fever, 7; diarrhœal diseases, 6; measles, 4; erysipelas, 1; puerperal fever, 1.

No deaths were reported from small-pox and malarial fever.

There were 155 deaths from acute lung diseases; consumption, 68; and still-births, 30.

From cerebro-spinal meningitis: Everett, 4; Worcester, Somerville, Chelsea, Waltham and Clinton, 1 each. From typhoid fever: Boston, 2; Lowell, Lynn, Lawrence, Brockton and Quincy, 1 each. From diarrhœal diseases: Fall River, 3; Boston, Worcester and Cambridge, 1 each. From measles: Boston, Springfield, Haverhill and Clinton, 1 each. From erysipelas: Boston, 1. From puerperal fever: Boston, 1.

Deaths under five years of age numbered 150, as compared with 200 for the preceding week.

Deaths from the principal infectious diseases numbered 67, as compared with 61 for the preceding week.

The death rates for the week were: Boston, 20.12; Worcester, 15.01; Fall River, 22.55; Lowell, 12.62; Cambridge, 20.90; Lynn, 11.87; Somerville, 17.45; Springfield, 13.44; Lawrence, 17.71; New Bedford, 19.61; Holyoke, ——; Brockton, 13.78; Salem, 12.54; Haverhill, 25.26; Malden, 22.37; Chelsea, 22.68; Fitchburg, 10.61; Newton, 12.62; Gloucester, ——; Taunton, 13.50; Waltham, 14.17; Quincy, 12.36; North Adams, ——; Pittsfield. ——; Everett, 37.47; Northampton, 12.48; Marlborough, ——; Chicopee, ——; Woburn, 3.48; Newburyport, 16.07; Medford, 20.47.

The total death rate for the week was 19.06, against 20.49 and 17.97 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING APRIL 20, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	111.	Measles.	198.
Diphtheria and croup,	79.	Typhoid fever,	17.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, April 20, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 14,	29.69	46	51	42	100	100	100	E.	E.		8	8		R.	R.			1.63
Monday, 15,	29.75	44	48	39	85	92	89	N.	N. E.		9	13		O.	R.			0.07
Tuesday, 16,	30.12	39	44	34	91	65	78	N.	N.		22	8		N.	C.			0.06
Wednes'y, 17,	30.12	44	53	35	38	49	44	N.	S.		9	4		C.	C.			0.00
Thursday, 18,	30.08	46	52	39	59	66	63	N. W.	N. E		2	7		O.	C.			0.00
Friday, 19,	29.92	50	61	39	49	51	50	N. W.	S. E.		5	6		C.	C.			0.00
Saturday, 20,	30.12	46	50	42	70	64	67	E.	E.		8	3		C.	C.			T.
Week, - -	29.97		51	39			70											1.76

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, April 27, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 17.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending April 27, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	223	70	21	59	..	10	3
Worcester,	100,410	20	11	3	7	..	1	..
Fall River,	92,233	35	12	4	..	1	2	..
Lowell,	90,613	39	21	1	5	1	..	..
Cambridge,	79,607	28	11	3	4	2	1	..
Lynn,	65,123	27	9	5	3	..	2	1
Somerville,	50,727	20	5	5	3	..	3	1
Springfield,	50,284	22	9	2	6	..	1	..
Lawrence,	49,900	20	9	6	3	1	1	1
New Bedford,	47,741	17	10	1	2	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	15	3	1	2	..	..	1
Salem,	33,155	6	1	1	..	1	..	..
Haverhill,	32,925	11	5	1	..	..	..	..
Malden,	30,209	11	2	2	1	..	1	1
Chelsea,	29,806	16	6	1	2	..	..	1
Fitchburg,	29,383	7	1	..	1	..	..	..
Newton,	28,837	7	1	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	3	2	..	..	..	..	..
Waltham,		4	0	..	1	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		..	..	..	..	..	..	..
Pittsfield,		3	0	1	..	..	1	..
Everett,		10	2	..	..	..	..	..
Northampton,		2	0	..	..	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		4	0	1	..	..	..	..
Newburyport,		7	1	..	1	..	..	..
Brookline,		8	1	..	..	..	..	..
Medford,		2	0	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		1	0	..	..	..	..	..
Clinton,		5	1	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		1	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,537,173	574	193	59	100	6	23	9

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-nine deaths were reported from the principal infectious diseases: diphtheria and croup, 23; scarlet-fever, 9; cerebro-spinal meningitis, erysipelas and diarrhœal diseases, 6 each; typhoid fever, 5; whooping-cough, 2; measles and puerperal fever, 1 each.

No deaths were reported from small-pox and malarial fever.

There were 100 deaths from acute lung diseases; consumption, 63; and still-births, 30.

From cerebro-spinal meningitis: Worcester, Lynn, Somerville, Lawrence, New Bedford and Woburn, 1 each. From erysipelas: Boston, 5; Worcester, 1. From typhoid fever: Boston and Lawrence, 2 each; Fall River. 1. From whooping-cough: Lynn and Haverhill, 1 each. From measles: Springfield, 1. From puerperal fever: Boston, 1.

Deaths under five years of age numbered 193, as compared with 150 for the preceding week.

Deaths from the principal infectious diseases numbered 59, as compared with 61 for the preceding week.

The death rates for the week were: Boston, 23.13; Worcester, 10.35; Fall River, 28.19; Lowell, 22.38; Cambridge, 18.28; Lynn, 21.55; Somerville, 20.50; Springfield, 22.75; Lawrence, 20.84; New Bedford, 18.52; Holyoke, ——; Brockton, 22.98; Salem, 9.40; Haverhill, 17.37; Malden, 18.93; Chelsea, 27.92; Fitchburg, 12.38; Newton, 12.62; Gloucester, ——; Taunton, 5.78; Waltham, 9.45; Quincy, ——; North Adams, ——; Pittsfield. 7.98; Everett, 34.07; Northampton, 6.24; Marlborough, ——; Chicopee, ——; Woburn, 13.92; Newburyport, 25.75; Medford, 8.18.

The total death rate for the week was 19.41, as compared with 19.06 and 20.84 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING APRIL 27, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	137.	Measles.	181.
Diphtheria and croup,	104.	Typhoid fever,	15.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, April 27, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 21,	30.17	50	60	39	53	47	50	W.	S.	5	12	C.	C.			0.00
Monday, 22,	29.98	52	60	43	38	100	69	S. W.	S. W.	16	5	F.	R.			0.19
Tuesday, 23,	29.86	54	64	44	67	40	54	W.	W.	5	25	F.	C.			0.02
Wednes'y, 24,	30.03	53	66	40	42	49	46	W.	S. W.	9	15	C.	O.			0.00
Thursday, 25,	29.97	66	80	52	63	54	58	S. W.	S. W.	7	8	O.	C.			T.
Friday, 26,	30.21	54	60	47	49	80	64	E.	N. E	6	8	C.	C.			0.00
Saturday, 27,	30.28	44	47	41	79	94	86	N. E.	N. E.	12	8	O.	R.			0.14
Week, - -	30.07		63	44			61									0.35

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, May 4, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 18.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending May 4, 1895.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	212	68	22	41	3	9	3
Worcester,	100,410	25	10	..	2	..	..	..
Fall River,	92,233	30	12	5	8	4	..	1
Lowell,	90,613	21	11	2	..	..	1	..
Cambridge,	79,607	24	9	3	6	..	2	..
Lynn,	65,123	18	5	1	4	..	..	1
Somerville,	50,727	18	7	2	5	..	1	..
Springfield,	50,284	19	6	1	2	..	..	..
Lawrence,	49,900	26	12	5	2	..	1	..
New Bedford,	47,741	22	9	..	3	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	14	5	2	2	1	..	1
Salem,	33,155	9	3	3	1	2	1	..
Haverhill,	32,925	8	4	2	..	..	..	..
Malden,	30,209	9	4	..	..	..	..	..
Chelsea,	29,806	16	6	3	2	..	..	..
Fitchburg,	29,383	4	0	1	..	..	..	1
Newton,	28,837	9	3	1	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	6	1	..	..	..	..	..
Waltham,		7	3	..	1	..	..	..
Quincy,		6	0	..	1	..	..	..
North Adams,		5	0	1	..	..	..	..
Pittsfield,		4	0	..	..	..	..	..
Everett,		2	1	..	1	..	..	..
Northampton,		4	0	..	1	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		1	0	..	..	..	..	..
Newburyport,		6	1	1	1	..	..	..
Brookline,		..	..	..	..	..	..	..
Medford,		4	1	..	1	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		2	1	..	..	..	..	..
Clinton,		4	0	..	1	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		2	1	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,562,034	537	183	55	85	10	15	7

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-five deaths were reported from the principal infectious diseases: diphtheria and croup, 15; diarrhœal diseases, 10; scarlet-fever and cerebro-spinal meningitis, 7 each; typhoid fever, 6; whooping-cough and erysipelas, 5 each; puerperal fever, 2; measles and malarial fever, 1 each.

No deaths were reported from small-pox.

There were 85 deaths from acute lung diseases; consumption, 64; and still-births, 36.

From cerebro-spinal meningitis: Chelsea, 3; Lawrence, 2; Somerville and North Adams, 1 each. From typhoid fever: Boston, 4; Lawrence and Newton, 1 each. From whooping-cough: Haverhill, 2; Lowell, Cambridge and Lawrence, 1 each. From erysipelas: Boston, 1. From puerperal fever: Boston and Springfield, 1 each. From measles: Boston, 1. From malarial fever: Newburyport, 1.

Deaths under five years of age numbered 183, as compared with 193 for the preceding week.

Deaths from the principal infectious diseases numbered 55, as compared with 59 for the preceding week.

The death rates for the week were: Boston, 21.99; Worcester, 12.94; Fall River, 16.91; Lowell, 12.05; Cambridge, 15.67; Lynn, 14.37; Somerville, 18.45; Springfield, 19.64; Lawrence, 27.09; New Bedford, 23.97; Holyoke, ——; Brockton, 21.44; Salem, 14.01; Haverhill, 12.63; Malden, 15.48; Chelsea, 27.92; Fitchburg, 7.07; Newton, 16.22; Gloucester, ——; Taunton, 11.57; Waltham, 16.54; Quincy, 12.36; North Adams, 13.75; Pittsfield, 10.64; Everett, 6.81; Northampton, 12.48; Marlborough, ——; Chicopee, ——; Woburn, 3.48; Newburyport, 16.07; Medford, 16.55.

The total death rate for the week was 17.87, against 19.14 and 19.06 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAY 4, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	131.	Measles.	221.
Diphtheria and croup,	90.	Typhoid fever,	39.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, May 4, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, April 28,	30.39	42	45	40	90	88	89	N.E	E.		12	8		O.	O.			0.01
Monday, 29,	30.37	44	51	37	90	77	83	E.	S.		5	8		O.	C.			0.00
Tuesday, 30,	30.20	58	70	46	89	86	88	S.	N.		5	14		R.	O.			0.11
Wednes'y, May 1,	30.45	44	48	40	37	72	54	N. E.	S.		25	6		C.	C.			0.00
Thursday, 2,	30.33	50	64	36	60	53	56	S. E.	S. W.		5	12		C.	C.			0.00
Friday, 3,	30.17	63	79	47	73	80	77	S. W.	S. W.		8	12		C.	C.			0.00
Saturday, 4,	30.12	70	83	56	78	88	83	S. W.	N. E.		9	15		O.	R.			T.
Week, - -	30.27		63	43			76											0.12

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In 6 smaller towns of Massachusetts, as reported to the State Board of Health for the month of April.

The total death rate of reporting towns was 15.1.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Acute Lung Diseases.	Consumption.	Typhoid Fever.	Whooping-cough.
Revere,	7,293	6	3	1	2	..	1	..
Orange,	5,302	6	1	1	..	1	..	1
Hudson,	5,232	8	4	..	..	1	..	..
Easthampton,	4,478	10	2	..	..	..	..	..
Merrimac,	2,837	2	0	..	1	..	..	..
Norton,	1,899	2	0	..	2	..	..	..
Total of reporting towns,	27,041	34	10	2	5	2	1	1

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, May 11, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 19.

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It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending May 11, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	218	71	14	49	1	8	2
Worcester,	100,410	28	13	3	5	1	..	..
Fall River,	92,233	29	10	3	7	2	1	..
Lowell,	90,613	28	10	1	2	1	..	..
Cambridge,	79,607	34	12	2	3	..	..	2
Lynn,	65,123	12	6	2	1	..	..	..
Somerville,	50,727	12	2	2	2	..	1	..
Springfield,	50,284	15	4	1	1	..	..	..
Lawrence,	49,900	18	7	4	2	3	..	..
New Bedford,	47,741	20	7	..	2	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	8	2	1	2	..	..	..
Salem,	33,155	12	3	2	1	1	1	..
Haverhill,	32,925	8	5	2	..	..	1	..
Malden,	30,209	8	1	..	1	..	..	..
Chelsea,	29,806	17	5	..	2	..	..	..
Fitchburg,	29,383	12	2	..	2	..	..	..
Newton,	28,837	8	0	1	2	..	1	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	5	2	..	..	..	..	..
Waltham,		8	1	..	1	..	..	..
Quincy,		10	2	3	1	..	2	..
North Adams,		6	2	1	..	..	1	..
Pittsfield,		..	..	..	..	..	..	..
Everett,		5	2	..	1	..	..	..
Northampton,		5	1	..	..	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		..	..	..	..	..	..	..
Newburyport,		6	1	..	1	..	..	..
Brookline,		4	1	1	..	..	1	..
Medford,		4	3	3	..	1	1	1
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		6	3	..	1	..	..	..
Clinton,		4	0	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		1	1	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,541,992	551	179	46	89	10	18	5

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-six deaths were reported from the principal infectious diseases: diphtheria and croup, 18; diarrhœal diseases, 10; scarlet-fever and cerebro-spinal meningitis, 5 each; typhoid fever, 3; measles and whooping-cough, 2 each; erysipelas, 1.

No deaths were reported from small-pox, malarial fever and puerperal fever.

There were 89 deaths from acute lung diseases; consumption, 54; and still-births, 26.

From cerebro-spinal meningitis: Worcester and Lynn, 2 each; Somerville, 1. From typhoid fever: Boston, Lawrence and Quincy, 1 each. From measles: Boston and Springfield, 1 each. From whooping-cough: Boston and Haverhill, 1 each. From erysipelas: Brockton, 1.

Deaths under five years of age numbered 179, as compared with 183 for the preceding week.

Deaths from the principal infectious diseases numbered 46, as compared with 55 for the preceding week.

The death rates for the week were: Boston, 22.61; Worcester, 14.49; Fall River, 16.35; Lowell, 16.06; Cambridge, 22.20; Lynn, 9.58; Somerville, 12.30; Springfield, 15.51; Lawrence, 18.76; New Bedford, 21.79; Holyoke, ——; Brockton, 12.25; Salem, 18.81; Haverhill, 12.70; Malden, 13.77; Chelsea, 29.66; Fitchburg, 21.23; Newton, 14.42; Gloucester, ——; Taunton, 9.64; Waltham, 18.90; Quincy, 20.60; North Adams, 16.50; Pittsfield. ——; Everett, 17.04; Northampton, 15.60; Marlborough, ——; Chicopee, ——; Woburn, ——; Newburyport, 22.07; Medford, 16.37.

The total death rate for the week was 18.57, as compared with 17.87 and 19.41 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAY 11, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	107.	Measles,	206.
Diphtheria and croup,	94.	Typhoid fever,	21.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, May 11, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 5,	30.36	44	47	42	94	100	97	N. E.	N. E.		11	8		O.	R.			0.38
Monday, 6,	30.26	62	82	43	86	54	70	S. W.	S. W.		5	13		O.	C.			T.
Tuesday, 7,	30.14	73	87	59	72	72	72	S. W.	S. W.		12	17		C.	C.			0.00
Wednes'y, 8,	30.00	75	87	63	72	63	68	W.	S. W.		12	16		C.	O.			0.00
Thursday, 9,	29.89	76	88	65	76	62	69	W.	S. W.		10	8		O.	C.			T.
Friday, 10,	29.90	76	86	66	44	44	44	N. W.	S.		5	13		C.	C.			0.00
Saturday, 11,	29.75	70	90	68	49	74	62	W.	S.		2	18		C.	C.			0.00
Week, - -	30.04		81	58			66											0.38

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, May 18, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 20.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending May 18, 1895.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	194	60	19	32	1	10	3
Worcester,	100,410	39	12	4	12	..	2	..
Fall River,	92,233	24	6	3	3	2	..	1
Lowell,	90,613	29	4	1	2	..	1	..
Cambridge,	79,607	15	5	..	2	..	..	..
Lynn,	65,123	13	..	1	3	..	..	1
Somerville,	50,727	12	3	1	1	..	1	..
Springfield,	50,284	15	5	3	3	..	..	..
Lawrence,	49,900	8	2	..	..	..	..	..
New Bedford,	47,741	25	9	2	4	1	1	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	6	0	2	..	..	..	1
Salem,	33,155	9	2	..	..	..	..	..
Haverhill,	32,925	11	2	1	..	..	..	..
Malden,	30,209	10	2	..	..	..	..	..
Chelsea,	29,806	10	1	1	..	..	..	..
Fitchburg,	29,383	5	1	..	..	..	..	..
Newton,	28,837	8	2	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	..	..	..	..	..	..	..
Waltham,		7	1	..	..	..	..	..
Quincy,		7	1	2	..	..	..	1
North Adams,		8	3	1	..	..	..	..
Pittsfield,		6	0	1	..	..	..	..
Everett,		2	1	1	..	..	1	..
Northampton,		5	1	1	..	1	..	..
Marlborough,		7	3	..	1	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		6	3	1	2	1	..	..
Newburyport,		8	3	1	1	..	..	1
Brookline,		5	0	..	2	..	..	..
Medford,		3	0	1	..	1	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		2	0	..	..	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		2	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,536,902	501	132	47	68	7	16	8

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-seven deaths were reported from the principal infectious diseases: diphtheria and croup, 16; scarlet-fever, 8; diarrhœal diseases, 7; cerebro-spinal meningitis, 5; erysipelas, 4; measles and typhoid fever, 3 each; whooping-cough, 1.

No deaths were reported from small-pox, malarial fever and puerperal fever.

There were 73 deaths from consumption; acute lung diseases, 68; and still-births, 30.

From cerebro-spinal meningitis: Boston, Chelsea, Quincy, North Adams and Pittsfield, 1 each. From erysipelas: Boston, 2; Worcester and Springfield, 1 each. From measles: Springfield, 2; Haverhill, 1. From typhoid fever: Boston, 2; Worcester, 1. From whooping-cough: Brockton, 1.

Deaths under five years of age numbered 132, as compared with 179 for the preceding week.

Deaths from the principal infectious diseases numbered 47, as compared with 46 for the preceding week.

The death rates for the week were: Boston, 20.12; Worcester, 20.19; Fall River, 13.53; Lowell, 16.64; Cambridge, 9.79; Lynn, 10.38; Somerville, 12.30; Springfield, 15.51; Lawrence, 8.33; New Bedford, 27.27; Holyoke, ——; Brockton, 19.19; Salem, 14.11; Haverhill, 17.37; Malden, 17.21; Chelsea, 17.45; Fitchburg, 8.84; Newton, 14.42; Gloucester, ——; Taunton, ——; Waltham, 16.54; Quincy, 14.42; North Adams, 22.00; Pittsfield, 15.99; Everett, 28.14; Northampton, 15.60; Marlborough, 22.61; Chicopee, ——; Woburn, 20.88; Newburyport, 29.43; Medford, 12.27.

The total death rate for the week was 16.95, against 18.57 and 17.87 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAY 18, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	100.	Measles.	259.
Diphtheria and croup,	88.	Typhoid fever,	18.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, May 18, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 12,	29.66	64	74	54	81	78	77	S.	N. W.		14	18		O.	O.			0.98
Monday, 13,	29.93	50	57	44	66	50	58	N. W.	N. W.		12	12		O.	F.			0.14
Tuesday, 14,	30.04	44	50	37	66	79	73	N. E.	E.		8	12		O.	O.			0.00
Wednes'y, 15,	29.82	49	56	42	86	71	78	N.	N. E.		15	7		R.	O.			0.59
Thursday, 16,	29.95	52	61	43	48	43	46	N.	N. W.		14	8		C.	C.			T.
Friday, 17,	30.11	54	66	41	35	49	42	W.	S. W.		8	12		C.	F.			0.00
Saturday, 18,	30.14	44	47	42	77	76	76	S.	N. E		12	6		R.	O			0.24
Week. - -	29.95		59	43			64											1.95

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of April: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	82	159	241	Maple Syrup, . .	5	0	5
Butter, . . .	4	0	4	Canned Goods, .	3	17	20
Cheese, . . .	2	0	2	Honey, . . .	5	0	5
Lard, . . .	..	..	..	Tea, . . .	2	0	2
Olive Oil, . . .	0	1	1	Coffee, . . .	4	1	5
Vinegar, . . .	0	2	2	Cocoa, . . .	..	..	..
Spices, . . .	42	11	53	Confectionery, .	11	0	11
Cream of Tartar, .	14	0	14	*Other articles of Food and Drinks,	32	143	175
Molasses, . . .	20	1	21	Drugs, . . .	12	21	33
Syrups, . . .	..	..	..				
Maple Sugar, . .	..	..	..	Totals, . .	238	356	594

* Including liquors and granite ware, etc.

Percentage of adulteration, 59.9. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of Milk found to be adulterated was 65.9 per cent., as compared with 60.5 per cent. for the preceding month, while the percentage of other articles of food and drugs was 55.5.

Nine complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Three of these were for the violation of the statutes relative to the sale of Milk; Face Bleach, two; Cassia, Coffee, Mustard and Pepper, each one. Fines were imposed amounting to $262.

The samples of drugs found to be adulterated were Compound Spirits of Ether, Distilled Water and Tincture of Iodine.

Canned berries, especially blueberries, are found to corrode the tin greatly, and to contain from this source as much as 0.2 gram of oxide of tin in solution in a single can.

Enamelled iron ware of certain makes is found to contain considerable amounts of antimony in a form to be readily attacked by acids.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, May 25, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 21.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

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MORTALITY OF MASSACHUSETTS

For the Week ending May 25, 1895.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

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The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	193	53	21	32	4	5	8
Worcester,	100.410	32	11	6	6	..	3	1
Fall River,	92.233	..	..	..	..	..	..	..
Lowell,	90,613	22	10	1	1	..	..	..
Cambridge,	79,607	20	6	2	3	..	1	..
Lynn,	65,123	20	5	2	4	..	1	1
Somerville,	50,727	13	2	3	2	..	2	..
Springfield,	50,284	15	3	2	2	..	1	..
Lawrence,	49,900	10	3	2	2	1	..	..
New Bedford,	47,741	14	1	..	3	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	5	0	..	1	..	..	..
Salem,	33,155	15	4	..	3	..	..	..
Haverhill,	32,925	..	..	..	..	..	..	..
Malden,	30,209	7	3	1	1	..	1	..
Chelsea,	29,806	9	1	1	2	..	1	..
Fitchburg,	29.383	6	2	1	1	1	..	..
Newton,	28,837	7	4	..	2	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	5	2	..	..	..	..	..
Waltham,		4	0	..	..	..	..	..
Quincy,		4	1	..	1	..	..	..
North Adams,		5	0	1	..	1	..	..
Pittsfield,		..	..	..	..	..	..	..
Everett,		4	1	..	..	..	..	..
Northampton,		6	1	..	..	..	..	..
Marlborough,		4	0	..	2	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		11	3	2	1	..	1	1
Newburyport,		2	0	..	..	..	..	..
Brookline,		2	0	..	1	..	..	..
Medford,		..	..	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		3	1	..	1	..	..	..
Clinton,		1	0	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		3	0	..	1	..	..	..
Melrose,		1	0	..	1	..	..	..
Westfield.		2	0	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,412,584	445	117	45	73	7	16	11

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-five deaths were reported from the principal infectious diseases: diphtheria and croup, 16; scarlet-fever, 11; typhoid fever, 7; diarrhœal diseases, 6; measles and cerebro-spinal meningitis, 2 each; whooping-cough, 1.

No deaths were reported from small-pox, erysipelas, malarial fever and puerperal fever.

There were 73 deaths from consumption; acute lung diseases, 53; and still-births, 23.

From diarrhœal diseases: Boston, 3; Worcester, Lowell and Cambridge, 1 each. From measles: Boston and Springfield, 1 each. From cerebro-spinal meningitis: Worcester and Somerville, 1 each. From whooping-cough: Lawrence, 1.

Deaths under five years of age numbered 117, as compared with 132 for the preceding week.

Deaths from the principal infectious diseases numbered 45, as compared with 47 for the preceding week.

The death rates for the week were: Boston, 20.02; Worcester, 22.96; Fall River, ——; Lowell, 12.62; Cambridge, 13.06; Lynn, 15.97; Somerville, 13.32; Springfield, 15.51; Lawrence, 10.42; New Bedford, 15.25; Holyoke, ——; Brockton, 7.66; Salem, 23.52; Haverhill, ——; Malden, 12.04; Chelsea, 15.51; Fitchburg, 10.61; Newton, 12.62; Gloucester, ——; Taunton, 9.64; Waltham, 9.45; Quincy, 10.20; North Adams, 13.75; Pittsfield, ——; Everett, 13.62; Northampton, 18.72; Marlborough, 12.92; Chicopee, ——; Woburn, 38.29; Newburyport, 7.35; Medford, ——.

The total death rate for the week was 16.38, against 16.95 and 18.57 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAY 25, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	109.	Measles.	192.
Diphtheria and croup,	117.	Typhoid fever,	21.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, May 25, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 19,	30.17	48	53	43	67	76	72	S. E.	S.		5	9		O.	F.			0.00
Monday, 20,	30.08	56	68	45	64	41	52	W.	W.		8	9		C.	O.			0.00
Tuesday, 21,	30.17	54	57	50	57	74	66	N. W.	W.		7	8		O.	O.			0.01
Wednes'y, 22,	30.12	51	55	47	67	72	70	N.	S.		5	8		O.	F.			0.00
Thursday, 23,	30.08	60	73	46	44	38	41	W.	S.		12	8		H.	C.			0.00
Friday, 24,	30.15	70	83	57	39	44	42	W.	S. W.		12	15		C.	C.			0.00
Saturday, 25,	30.19	67	76	58	55	65	60	S. W.	S.		9	11		F.	F.			0.00
Week, - -																		

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 1, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 22.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending June 1, 1895.

Deaths reported to the State Board of Health in 32 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Measles.
Boston,	501,107	182	53	14	27	2	5	1
Worcester,	100,410	20	6	4	4	..	3	..
Fall River,	92,233	26	13	8	..	5	1	..
Lowell,	90,613	22	3	3	2	1	2	..
Cambridge,	79,607	24	6	3	6	..	1	..
Lynn,	65,123	20	3	..	1	..	..	..
Somerville,	50,727	21	4	1	4	1	..	..
Springfield,	50,284	20	8	6	4	1	..	5
Lawrence,	49,900	20	5	3	3	..	..	..
New Bedford,	47,741	10	3	..	1	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	2	0	..	..	..	..	..
Salem,	33,155	11	1	..	..	..	..	..
Haverhill,	32,925	6	5	1	1	..	..	1
Malden,	30,209	5	2	1	..	..	1	..
Chelsea,	29,806	..	..	..	..	..	..	..
Fitchburg,	29,383	10	2	1	2	1	..	..
Newton,	28,837	13	2	2	2	..	1	1
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	7	4	..	..	..	..	..
Waltham,		6	2	..	3	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		7	0	3	..	..	..	..
Pittsfield,		2	0	..	1	..	..	..
Everett,		1	0	..	..	..	..	..
Northampton,		5	2	..	..	..	..	..
Marlborough,		13	4	..	3	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		4	3	1	1	..	1	..
Newburyport,		3	0	..	1	..	..	..
Brookline,		5	0	..	1	..	..	..
Medford,		1	0	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		4	2	2	..	..	..	..
Clinton,		3	0	..	1	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		4	0	1	1	..	..	..
Melrose,		3	0	..	..	..	..	..
Westfield,		4	0	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Measles.
Total of reporting towns,	1,537,210	484	133	54	69	11	15	8

DEATHS FROM PREVALENT DISEASES IN 32 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-four deaths were reported from the principal infectious diseases: diphtheria and croup, 15; diarrhœal diseases, 11; measles, 8; scarlet-fever, 8; typhoid fever, 7; cerebro-spinal meningitis, 2; whooping-cough, 2; puerperal fever, 1.

No deaths were reported from small-pox, erysipelas and malarial fever.

There were 69 deaths from consumption; acute lung diseases, 58; and still-births, 36.

From scarlet-fever: Boston, Lawrence and Hyde Park, 2 each; Cambridge and Amesbury, 1 each. From typhoid fever: Boston, Fall River and North Adams, 2 each; Lawrence, 1. From cerebro-spinal meningitis: Worcester and North Adams, 1 each. From whooping-cough: Boston and Cambridge, 1 each. From puerperal fever: Boston, 1.

Deaths under five years of age numbered 133, as compared with 117 for the preceding week.

Deaths from the principal infections diseases numbered 54, as compared with 45 for the preceding week.

The death rates for the week were: Boston, 18.88; Worcester, 10.35; Fall River, 14.65; Lowell, 12.62; Cambridge, 15.47; Lynn, 15.97; Somerville, 21.52; Springfield, 20.68; Lawrence, 20.84; New Bedford, 10.89; Holyoke, ——; Brockton, 3.06; Salem, 17.24; Haverhill, 9.47; Malden, 8.73; Chelsea, ——; Fitchburg, 17.69; Newton, 23.43; Gloucester, ——: Taunton, 13.50; Waltham, 14.17; Quincy, ——; North Adams, 19.25; Pittsfield. 5.32; Everett, 3.40; Northampton, 15.60; Marlborough, 41.99; Chicopee, ——; Woburn, ——; Newburyport, 11.03; Medford, 4.09.

The total death rate for the week was 16.37, against 16.38 and 16.95 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JUNE 1, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	90.	Measles.	200.
Diphtheria and croup,	121.	Typhoid fever,	21.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, June 1, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, May 26,	29.86	58	64	52	99	91	95	E.	S. E.	6	9		R.	O.		0.12
Monday, 27,	29.68	64	76	53	90	81	86	S.	W.	11	8		O.	F.		0.25
Tuesday, 28,	29.91	57	65	49	64	64	64	W.	W.	10	19		O.	O.		0.00
Wednes'y, 29,	30.02	66	78	54	60	57	58	N. W.	N. E.	2	11		F.	C.		0.00
Thursday, 30,	29.96	68	77	58	60	60	60	N. E.	S. W.	14	2		C.	F.		0.00
Friday, 31,	29.86	78	90	65	48	60	54	W.	N.	8	10		F.	O.		0.00
Saturday, June 1,	29.92	72	78	66	48	85	66	N.	W.	9	9		C.	R.		0.03
Week, - -	29.89		75	57			69									0.40

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In 6 smaller towns of Massachusetts, as reported to the State Board of Health for the month of May.

The total death rate of reporting towns was 8.8.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Consumption.	Measles.	Diphtheria and Croup.	Cerebro-spinal Meningitis.
Revere,	7,293	7	1	1	1	..	1	..
Orange,	5,302	2	0	1	..	..	..	1
Hudson,	5,232	5	1	1	1	..	..	..
Easthampton,	4,478	3	0	1	..	1	..	..
Merrimac,	2,837	2	1	..	..	..	..	..
Norton,	1,899	1	0	..	..	..	..	..
Total of reporting towns,	27,041	20	3	4	2	1	1	1

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 8, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 23

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

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MORTALITY OF MASSACHUSETTS

For the Week ending June 8, 1895.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	225	56	22	51	..	4	13
Worcester,	100,410	22	6	1	1	1	..	..
Fall River,	92,233	28	13	8	..	7	..	..
Lowell,	90,613	..	..	..	..	..	..	..
Cambridge,	79,607	25	11	4	2	1	..	2
Lynn,	65,123	20	9	2	2	..	..	..
Somerville,	50,727	17	5	1	5	1	..	..
Springfield,	50,284	15	5	5	2	2	..	..
Lawrence,	49,900	19	10	3	1	..	..	..
New Bedford,	47,741	21	9	2	5	2	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	4	1	1	1	..	1	..
Salem.	33,155	..	..	..	..	..	..	..
Haverhill,	32,925	10	1	..	3	..	..	..
Malden,	30,209	6	1	1	2	..	..	..
Chelsea,	29,806	..	..	..	..	..	..	..
Fitchburg,	29,383	4	2	..	1	..	..	..
Newton,	28,837	9	2	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	17	1	4	1	..	..	4
Waltham,		6	2	1	..	..	..	1
Quincy,		6	2	..	..	..	..	..
North Adams,		6	1	2	..	..	2	..
Pittsfield,		4	3	1	1	..	1	..
Everett,		2	0	..	..	..	..	..
Northampton,		4	1	..	1	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn.		..	..	..	..	..	..	..
Newburyport,		3	0	..	..	..	..	..
Brookline,		4	2	..	..	..	..	..
Medford,		..	..	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		2	1	1	1	..	..	1
Clinton,		3	0	..	1	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury.		4	0	..	2	..	..	..
Melrose,		4	0	..	..	..	..	..
Westfield.		1	0	..	1	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,416,182	491	144	59	84	14	8	21

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-nine deaths were reported from the principal infectious diseases: diphtheria and croup, 21; diarrhœal diseases, 14; typhoid fever, 8; measles, 5; scarlet-fever, 4; cerebro-spinal meningitis, 3; whooping-cough, erysipelas, malarial fever and puerperal fever, 1 each.

No deaths were reported from small-pox.

There were 84 deaths from consumption; acute lung diseases, 54; and still-births, 25.

From measles: Boston and Springfield, 2 each; Lawrence, 1. From scarlet-fever: Boston, 2; Fall River and Lawrence, 1 each. From cerebro-spinal meningitis: Lynn, Springfield and Lawrence, 1 each. From whooping-cough: Cambridge, 1. From erysipelas: Lynn, 1. From malarial fever: Boston, 1. From puerperal fever: Malden, 1.

Deaths under five years of age numbered 144, as compared with 133 for the preceding week.

Deaths from the principal infectious diseases numbered 59, as compared with 54 for the preceding week.

The death rates for the week were: Boston, 23.33; Worcester, 11.39; Fall River, 15.78; Lowell, ——; Cambridge, 16.33; Lynn, 15.97; Somerville, 17.42; Springfield, 15.51; Lawrence, 19.80; New Bedford, 22.88; Holyoke, ——; Brockton, 6.12; Salem, ——; Haverhill, 15.79; Malden, 10.32; Chelsea, ——; Fitchburg, 7.07; Newton, 16.22; Gloucester, ——; Taunton, 32.79; Waltham, 14.17; Quincy, 15.30; North Adams, 16.50; Pittsfield, 10.64; Everett, 6.81; Northampton, 12.48; Marlborough, ——; Chicopee, ——; Woburn, ——; Newburyport, 11.03; Medford, ——.

The total death rate for the week was 18.03, against 16.37 and 16.38 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JUNE 8, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	114.	Measles,	206.
Diphtheria and croup,	116.	Typhoid fever,	27.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, June 8, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 2,	29.83	82	96	69	40	43	42	N. W.	W.	9	12		C.	O.			0.04
Monday, 3,	30.04	56	60	52	70	86	78	E.	E.	16	7		C.	O.			0.09
Tuesday, 4,	30.19	54	57	51	86	88	87	N. E.	E.	6	7		R.	O.			T.
Wednes'y, 5,	30.04	64	73	56	95	89	92	S.	S.	4	20		O.	O.			T.
Thursday, 6,	29.98	70	77	62	86	55	70	W.	W.	11	12		O.	O.			0.00
Friday, 7,	30.27	60	65	56	62	80	71	N. E.	N. E.	15	6		O.	C.			0.00
Saturday, 8,	30.31	58	66	50	36	45	40	N. E.	N. E.	18	12		C.	C.			0.00
Week, - -	30.09		70	58			69										

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of May: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	291	23	314	Maple Syrup, . .	2	0	2
Butter, . . .	2	0	2	Canned Goods, .	0	3	3
Cheese, . . .	..	..	..	Honey, . . .	1	0	1
Lard, . . .	..	..	..	Tea, . . .	14	1	15
Olive Oil, . . .	1	1	2	Coffee, . . .	9	3	12
Vinegar, . . .	1	0	1	Cocoa, . . .	..	..	..
Spices, . . .	92	24	116	Confectionery, .	3	0	3
Cream of Tartar, .	31	1	32	*Other articles of Food and Drinks,	45	96	141
Molasses, . . .	25	0	25	Drugs, . . .	25	22	47
Syrups, . . .	..	..	..				
Maple Sugar, . .	0	1	1	Totals, . .	542	175	717

* Including Whiskey, Brandy, Gin, Rum, Cider, Beer, Ale, Soda Water, Flavors, etc.

Percentage of adulteration, 24.4. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of Milk found to be adulterated was 7.3 per cent., as compared with 65.9 per cent. for the preceding month, while the percentage of other articles of food and drugs was 37.7. This apparent improvement in the quality of milk from April to May is due to the change in the standard of total solids, the required standard for April being 13 per cent., and that of May and June 12 per cent.

Twelve complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Eleven of these were for the violation of the statutes relative to the sale of Milk; Butter, one. Fines were imposed amounting to $500.

The samples of drugs found to be adulterated were Compound Spirits of Ether, Distilled Water, Spirits of Nitrous Ether and White Wine.

Eight out of twenty-two Ales and Beers were preserved with salicylic acid.

Four out of nine "Plain Soda Waters" were fairly pure water, the rest were excessively hard or loaded with the carbonate of iron or contained traces of lead.

Samples of Ginger, Cassia and other spices, bought in open market, and bearing the label of J. E. Burns Company, Philadelphia, and marked Pure Spices, were found on analysis to be adulterated to the extent of 40 to 75 per cent. with foreign material in the form of wheat, corn, cocoa-nut shells, etc.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 15, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 24.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

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CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending June 15, 1895.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	200	54	28	27	2	19	3
Worcester,	100,410	35	9	3	2	1	..	..
Fall River,	92,233	..	..	..	..	..	..	..
Lowell,	90,613	..	..	..	..	..	..	..
Cambridge,	79,607	15	5	4	1	1	..	1
Lynn,	65,123	12	2	1	2	1	..	..
Somerville,	50,727	10	4	..	4	..	..	..
Springfield,	50,284	12	6	3	..	1	..	..
Lawrence,	49,900	15	5	1	3	..	..	..
New Bedford,	47,741	13	8	1	1	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	0	0	..	..	..	..	..
Salem,	33,155	10	2	1	..	..	..	1
Haverhill,	32,925	10	4	3	1	..	1	1
Malden,	30,209	8	3	..	3	..	..	..
Chelsea,	29,806	..	..	..	..	..	..	..
Fitchburg,	29,383	..	..	..	..	..	..	..
Newton,	28,837	3	0	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	8	3	1	1	..	1	..
Waltham,		6	2	..	2	..	..	..
Quincy,		3	1	..	..	..	..	..
North Adams,		8	3	..	..	..	..	..
Pittsfield,		4	0	1	..	..	1	..
Everett,		9	2	1	..	..	..	1
Northampton,		3	0	..	2	..	..	..
Marlborough,		1	0	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		..	..	..	..	..	..	..
Newburyport,		5	0	..	2	..	..	..
Brookline,		1	0	..	..	..	..	..
Medford,		..	..	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		1	1	..	..	..	..	..
Clinton,		1	1	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		3	0	..	1	..	..	..
Melrose,		5	0	1	..	..	1	..
Westfield,		6	1	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,353,824	407	116	49	52	6	23	7

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-nine deaths were reported from the principal infectious diseases: diphtheria and croup, 23; scarlet-fever, 7; diarrhœal diseases, 6; typhoid fever, 5; measles and whooping-cough, 3 each; cerebro-spinal meningitis, 2.

No deaths were reported from small-pox, erysipelas, puerperal fever and malarial fever.

There were 52 deaths from consumption; acute lung diseases, 36; and still-births, 25.

From typhoid fever: Boston, 2; Worcester, Cambridge and New Bedford, 1 each. From measles: Springfield, 2; Lawrence, 1. From whooping-cough: Boston, Cambridge and Haverhill, 1 each. From cerebro-spinal meningitis: Boston and Worcester, 1 each.

Deaths under five years of age numbered 116, as compared with 144 for the preceding week.

Deaths from the principal infectious diseases numbered 49, as compared with 59 for the preceding week.

The death rates for the week were: Boston, 20.75; Worcester, 18.12; Fall River, ——; Lowell, ——; Cambridge, 9.79; Lynn, 9.58; Somerville, 10.25; Springfield, 12.40; Lawrence, 15.63; New Bedford, 14.16; Holyoke, ——; Brockton, ——; Salem, 15.68; Haverhill, 15.79; Malden, 13.76; Chelsea, ——; Fitchburg, ——; Newton, 5.40; Gloucester, ——; Taunton, 15.43; Waltham, 14.17; Quincy, 7.65; North Adams, 22.00; Pittsfield. 10.64; Everett, 30.66; Northampton, 9.36; Marlborough, 3.23; Chicopee, ——; Woburn, ——; Newburyport, 18.39; Medford, ——.

The total death rate for the week was 15.62, against 16.37 and 18.03 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JUNE 15, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	101.	Measles.	239.
Diphtheria and croup, ...	140.	Typhoid fever, ...	16.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, June 15, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 9,	30.24	59	66	52	58	78		68	E.	S. E.	8	5			C.	C.			0.00
Monday, 10,	30.21	66	77	54	56	75		66	S.	S. W.	7	11			C.	C.			0.00
Tuesday, 11,	30.22	76	88	63	83	72		77	S. W.	S. W.	7	12			F.	C.			0.00
Wednes'y, 12,	30.08	64	86	63	73	82		78	S. W.	S. W.	12	14			C.	C.			0.00
Thursday, 13,	29.84	74	81	68	72	79		76	S. W.	S. W.	11	11			F.	F.			0.00
Friday, 14,	29.76	76	86	66	70	45		58	W.	W.	12	9			C.	C.			T.
Saturday, 15,	30.04	70	75	64	53	59		56	N. W.	S.	19	6			C.	O.			T.
Week, - -	30.05		80	61				68											

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 22, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 25.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending June 22, 1895.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population, 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	174	39	21	35	1	13	3
Worcester,	100,410	18	6	4	..	..	3	..
Fall River,	92,233	34	13	7	3	5	..	2
Lowell,	90,613	..	..	..	..	..	..	..
Cambridge,	79,607	18	2	3	1	2	1	..
Lynn,	65,123	13	2	2	1	..	..	..
Somerville,	50,727	9	0	1	1	..	..	..
Springfield,	50,284	4	4	2	..	1	..	..
Lawrence,	49,900	19	7	2	2	2	..	..
New Bedford,	47,741	16	4	..	..	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	11	3	..	3	..	..	..
Salem,	33,155	7	2	1	..	1	..	..
Haverhill,	32,925	10	6	2	1	..	..	..
Malden,	30,209	8	2	2	2	..	..	..
Chelsea,	29,806	10	6	2	1	..	..	..
Fitchburg,	29,383	8	0	..	1	..	..	..
Newton,	28,837	8	0	..	1	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	5	1	..	..	..	..	..
Waltham,		3	2	..	1	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		7	5	..	..	..	..	..
Pittsfield,		4	1	..	3	..	..	..
Everett,		4	2	..	..	..	..	..
Northampton,		2	0	..	1	..	..	..
Marlborough,		2	0	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		3	2	2	..	..	1	..
Newburyport,		3	2	..	..	..	..	..
Brookline,		..	..	..	..	..	..	..
Medford,		..	..	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		..	..	..	..	..	..	..
Clinton,		3	0	..	1	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		1	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		2	0	1	1	..	1	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,437,164	416	111	52	59	12	19	5

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-two deaths were reported from the principal infectious diseases: diphtheria and croup, 22; diarrhœal diseases, 12; scarlet-fever and cerebro-spinal meningitis, 5 each; typhoid fever and measles, 3 each; whooping-cough, 2.

No deaths were reported from small-pox, erysipelas, puerperal fever and malarial fever.

There were 59 deaths from consumption; acute lung diseases, 28; and still-births, 24.

From cerebro-spinal meningitis: Lynn, 2; Worcester, Haverhill and Woburn, 1 each. From typhoid fever: Boston, Somerville and Malden, 1 each. From measles: Boston, 2; Springfield, 1. From whooping-cough: Boston and Haverhill, 1 each.

Deaths under five years of age numbered 111, as compared with 116 for the preceding week.

Deaths from the principal infectious diseases numbered 52, as compared with 49 for the preceding week.

The death rates for the week were: Boston, 17.95; Worcester, 9.32; Fall River, 19.16; Lowell, ——; Cambridge, 11.75; Lynn, 10.38; Somerville, 9.22; Springfield, 4.13; Lawrence, 19.79; New Bedford, 17.43; Holyoke, ——; Brockton, 16.85; Salem, 10.97; Haverhill, 15.79; Malden, 13.77; Chelsea, 17.45; Fitchburg, 14.15; Newton, 14.42; Gloucester, ——; Taunton, 9.64; Waltham, 7.08; Quincy, ——; North Adams, 19.25; Pittsfield, 10.64; Everett, 13.62; Northampton, 6.24; Marlborough, 6.46; Chicopee, ——; Woburn, 10.44; Newburyport, 11.07; Medford, ——.

The total death rate for the week was 15.05, against 15.62 and 18.03 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JUNE 22, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	91.	Measles,	164.
Diphtheria and croup,	122.	Typhoid fever,	18.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, June 22, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 16,	30.45	64	66	62	77	69		73	N. E.	S.	11	12			F.	C.			0.00
Monday, 17,	30.33	70	82	59	59	66		62	S. W.	S. W.	11	16			C.	F.			0.00
Tuesday, 18,	30.14	70	81	58	58	48		53	N. W.	S. W.	4	11			C.	F.			0.00
Wednes'y, 19,	30.02	66	72	61	68	86		77	S. E.	S. E.	6	5			F.	C.			0.00
Thursday, 20,	30.02	64	70	59	90	90		90	N. E.	E.	3	4			C.	C.			0.00
Friday, 21,	30.05	68	72	64	81	81		81	S. E.	S.	3	6			C.	O.			0.00
Saturday, 22,	30.01	70	76	63	87	77		82	S.	S.	7	9			O.	O.			T.
Week, - -	30.15		74	61				74											

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 29, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 26

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

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MORTALITY OF MASSACHUSETTS

For the Week ending June 29, 1895.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

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The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population, 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	159	48	19	11	4	8	4
Worcester,	100,410	19	..	1	2	1	..	..
Fall River,	92,233	34	16	9	1	9	..	..
Lowell,	90,613	..	..	..	..	..	..	..
Cambridge,	79,607	..	..	..	..	..	..	..
Lynn,	65,123	14	5	2	2	..	..	1
Somerville,	50,727	10	2	2	1	2	..	..
Springfield,	50,284	17	6	5	1	4	1	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	13	5	2	1	2	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	8	0	..	2	..	..	..
Salem,	33,155	9	2	..	1	..	..	..
Haverhill,	32,925	7	3	..	3	..	..	..
Malden,	30,209	10	3	1	2	..	1	..
Chelsea,	29,806	6	1	1	1	..	1	..
Fitchburg,	29,383	1	0	..	..	..	..	..
Newton,	28,837	6	1	..	3	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	9	3	..	3	..	..	..
Waltham,		5	0	..	..	..	..	..
Quincy,		8	4	1	1	..	..	1
North Adams,		5	2	2	2	..	..	..
Pittsfield,		2	1	..	..	..	..	..
Everett,		2	2	..	..	..	..	..
Northampton,		5	0	..	1	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		6	2	..	2	..	..	..
Newburyport,		0	0	..	..	..	..	..
Brookline,		0	0	..	..	..	..	..
Medford,		2	1	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		2	1	..	..	..	..	..
Clinton,		1	0	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		..	..	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		2	0	..	1	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,345,528	362	108	45	41	22	11	6

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-five deaths were reported from the principal infectious diseases: diarrhœal diseases, 22; diphtheria and croup, 11; scarlet-fever, 6; typhoid fever, 2; measles, cerebro-spinal meningitis, whooping-cough and puerperal fever, each 1.

No deaths were reported from small-pox, erysipelas and malarial fever.

There were 41 deaths from consumption; acute lung diseases, 30; and still-births, 20.

From typhoid fever: North Adams, 2. From measles: Boston, 1. From cerebro-spinal meningitis: Boston, 1. From whooping-cough: Lynn, 1. From puerperal fever: Boston, 1.

Deaths under five years of age numbered 108, as compared with 111 for the preceding week.

Deaths from the principal infectious diseases numbered 45, as compared with 52 for the preceding week.

The death rates for the week were: Boston, 16.49; Worcester, 9.83; Fall River, 19.16; Lowell, ——; Cambridge, ——; Lynn, 11.17; Somerville, 10.25; Springfield, 17.57; Lawrence, ——; New Bedford, 14.16; Holyoke, ——; Brockton, 12.25; Salem, 14.01; Haverhill, 11.05; Malden, 17.21; Chelsea, 10.47; Fitchburg, 1.76; Newton, 10.81; Gloucester, ——; Taunton, 17.36; Waltham, 11.86; Quincy, 20.40; North Adams, 13.75; Pittsfield, 5.32; Everett, 6.81; Northampton, 15.60; Marlborough, ——; Chicopee, ——; Woburn, 20.88; Newburyport, ——; Medford, 8.18.

The total death rate for the week was 13.99, against 15.05 and 15.62 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JUNE 29, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	111.	Measles.	150.
Diphtheria and croup,	115.	Typhoid fever,	19.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, June 29, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 23,	29.93	70	76	63	86	78		82	W.	S	5	8			O.	O.			0.00
Monday, 24,	29.95	70	79	62	65	70		68	E.	S. W.	5	5			F.	O.			0.00
Tuesday, 25,	30.02	65	68	62	84	94		87	N. E.	E.	2	5			O.	F.			0.22
Wednes'y, 26,	30.10	61	64	58	95	87		91	E.	E.	8	4			O.	F.			0.00
Thursday, 27,	30.11	60	62	59	90	95		93	E.	E.	7	9			O.	O.			0.21
Friday, 28,	30.12	62	64	59	95	95		95	E.	N. E.	13	6			T.	O.			0.90
Saturday, 29,	30.19	66	72	69	92	91		96	N. E.	E.	3	10			O.	F.			0.05
Week, - -	00.00		00	00				00											

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, July 6, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 27.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending July 6, 1895.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	153	34	15	19	4	3	5
Worcester,	100,410	20	15	..	1	..	..	..
Fall River,	92,233	36	24	19	3	18	..	..
Lowell,	90,613	..	..	..	..	..	..	..
Cambridge,	79,607	..	..	..	..	..	..	..
Lynn,	65,123	24	3	2	4	..	..	..
Somerville,	50,727	11	3	3	1	..	..	..
Springfield,	50,284	22	5	4	4	3	..	..
Lawrence,	49,900	13	10	1	1	..	..	..
New Bedford,	47,741	20	12	5	..	4	1	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	3	3	2	..	..	..	..
Salem,	33,155	12	5	1	..	1	..	..
Haverhill,	32,925	14	4	3	5	1	..	..
Malden,	30,209	7	0	1	1	..	1	..
Chelsea,	29,806	4	2	..	..	..	..	..
Fitchburg,	29,383	8	0	..	..	..	..	..
Newton,	28,837	7	0	1	1	..	..	1
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	9	2	..	1	..	..	..
Waltham,		5	2	1	2	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		1	0	..	..	..	..	..
Pittsfield,		3	0	..	..	..	..	..
Everett,		3	0	..	..	..	..	..
Northampton,		4	1	1	..	..	1	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		..	..	..	..	..	..	..
Newburyport,		7	1	..	..	..	..	..
Brookline,		1	0	..	..	..	..	..
Medford,		2	1	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		..	..	..	..	..	..	..
Clinton,		1	0	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		3	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		3	0	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,369,751	396	127	59	43	31	6	6

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-nine deaths were reported from the principal infectious diseases: diarrhœal diseases, 31; typhoid fever, diphtheria and croup, scarlet-fever and cerebro-spinal meningitis, 6 each; measles and whooping-cough, 2 each; erysipelas, 1.

No deaths were reported from small-pox, puerperal fever and malarial fever.

There were 43 deaths from consumption; acute lung diseases, 35; and still-births, 37.

From scarlet-fever: Boston, Lynn, Somerville, Brockton, Haverhill and Waltham, 1 each. From cerebro-spinal meningitis: Somerville, 2; Lynn, Lawrence, Brockton and Taunton, 1 each. From measles: Boston, 1. From whooping-cough: Fall River and Haverhill, 1 each. From erysipelas: Boston, 1.

Deaths under five years of age numbered 127, as compared with 108 for the preceding week.

Deaths from the principal infectious diseases numbered 59, as compared with 45 for the preceding week.

The death rates for the week were: Boston, 15.18; Worcester, 10.35; Fall River, 20.09; Lowell, ——; Cambridge, ——; Lynn, 19.16; Somerville, 11.27; Springfield, 22.75; Lawrence, 13.54; New Bedford, 21.79; Holyoke, ——; Brockton, 4.59; Salem, 18.81; Haverhill, 22.11; Malden, 12.04; Chelsea, 6.98; Fitchburg, 14.15; Newton, 12.62; Gloucester, ——; Taunton, 17.36; Waltham, 11.82; Quincy, ——; North Adams, 2.75; Pittsfield. 7.98; Everett, 11.22; Northampton, 12.48; Marlborough, ——; Chicopee, ——; Woburn, ——; Newburyport, 25.75; Medford, 8.18.

The total death rate for the week was 15.03, against 13.99 and 15.05 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JULY 6, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	97.	Measles.	133.
Diphtheria and croup,	89.	Typhoid fever,	26.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, July 6, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, June 30,	30.10	65	69	61	97	95	96	N. E.	S. W.	3	12	O.	O.		0.05
Monday, July 1,	29.92	72	78	66	80	57	68	N. W.	N.	11	5	O.	O.		0.05
Tuesday, 2,	30.13	64	72	57	85	57	56	N.	S. W.	8	8	C.	C.		0.00
Wednes'y, 3,	30.16	68	77	58	49	53	51	N.	S. W.	5	11	C.	O.		0.00
Thursday, 4,	29.89	64	71	57	63	100	82	N.	N. E.	5	23	R.	R.		0.31
Friday, 5,	30.03	68	78	59	87	81	84	E.	S.	8	10	O.	O.		0.04
Saturday, 6,	29.86	69	74	64	87	90	88	S.	S.	19	8	O.	O.		0.30
Week, - -	30.01		74	60			75								0.75

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 5 smaller towns of Massachusetts, as reported to the State Board of Health for the month of June.

The total death rate of reporting towns was 13.8.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Consumption.	Diphtheria and Croup.	Whooping-cough.	Measles.
Revere,	7,293	11	2	2	1	2	..	..
Orange,	5,302	5	2	2	1	1	1	..
Hudson,	5,232	7	3	..	..	..	..	..
Easthampton,	4,478	4	0	2	1	..	1	1
Merrimac,	2,837	2	0	..	..	..	..	..
Total of reporting towns,	25,142	29	7	6	3	3	2	1

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

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It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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MORTALITY OF MASSACHUSETTS

For the Week ending July 13, 1895.

Deaths reported to the State Board of Health in 26 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet Fever.
Boston,	501,107	177	72	38	26	15	12	3
Worcester,	100,410	18	6	5	3	3	..	..
Fall River,	92,233	51	32	26	2	24	..	2
Lowell,	90,613	..	..	..	..	..	..	..
Cambridge,	79,607	..	..	..	..	..	..	..
Lynn,	65,123	15	3	2	1	..	1	..
Somerville,	50,727	15	3	2	3	1	1	..
Springfield,	50,284	19	12	10	1	7	..	..
Lawrence,	49,900	29	..	18	1	17	..	..
New Bedford,	47,741	11	7	4	2	3	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	7	2	2	1	1	..	..
Salem,	33,155	8	5	2	1	1	..	..
Haverhill,	32,925	4	0	2	2	1	..	..
Malden,	30,209	6	1	3	2	1	..	2
Chelsea,	29,806	12	2	2	1	..	..	1
Fitchburg,	29,383	3	1	1	..	1	..	..
Newton,	28,837	6	1	..	2	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	14	3	..	4	..	..	..
Waltham,		..	..	..	..	..	..	..
Quincy,		5	4	..	1	..	..	..
North Adams,		9	3	..	..	..	..	..
Pittsfield,		3	0	1	2	..	..	..
Everett,		3	0	..	..	..	..	..
Northampton,		..	..	..	..	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		4	3	2	..	2	..	..
Newburyport,		..	..	..	..	..	..	..
Brookline,		3	0	..	..	..	..	..
Medford,		2	2	1	..	1	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		5	1	..	1	..	..	..
Clinton,		3	3	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		1	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet Fever.
Total of reporting towns,	1,353,443	433	166	121	56	78	14	8

DEATHS FROM PREVALENT DISEASES IN 26 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and twenty-one deaths were reported from the principal infectious diseases: diarrhœal diseases, 78; diphtheria and croup, 14; scarlet-fever, 8; measles and whooping-cough, 5 each; typhoid fever, 4; cerebro-spinal meningitis, 3; erysipelas and puerperal fever, 2 each.

No deaths were reported from small-pox and malarial fever.

There were 56 deaths from consumption; acute lung diseases, 16; and still-births, 30.

From measles: Boston and Springfield, 2 each; Salem, 1. From whooping-cough: Boston, 2; New Bedford, Brockton and Haverhill, 1 each. From typhoid fever: Boston, 3; Pittsfield, 1. From cerebro-spinal meningitis: Lynn, Lawrence and Chelsea, 1 each. From erysipelas: Boston and Springfield, 1 each. From puerperal fever: Boston, 2.

Deaths under five years of age numbered 166, as compared with 127 for the preceding week.

Deaths from the principal infectious diseases numbered 121, as compared with 59 for the preceding week.

The death rates for the week were: Boston, 18.36; Worcester, 9.32; Fall River, 28.75; Lowell, ——; Cambridge, ——; Lynn, 11.97; Somerville, 15.37; Springfield, 19.64; Lawrence, 30.22; New Bedford, 11.98; Holyoke, ——; Brockton, 10.72; Salem, 12.64; Haverhill, 6.31; Malden, 10.32; Chelsea, 20.94; Fitchburg, 5.20; Newton, 10.81; Gloucester, ——; Taunton, 27.01; Waltham, ——; Quincy, 12.75; North Adams, 24.75; Pittsfield, 7.98; Everett, 10.22; Northampton, ——; Marlborough, ——; Chicopee, ——; Woburn, 13.92; Newburyport, 11.03; Medford, 8.18.

The total death rate for the week was 16.63, against 15.03 and 13.99 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JULY 13, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	108.	Measles.	125.
Diphtheria and croup,	127.	Typhoid fever,	30.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, July 13, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 7,	29.82	74	83	65	86	91	88	W.	S. W.	6	5		O.	O.			0.00
Monday, 8,	29.82	76	85	68	76	87	81	S. W.	S. W.	12	8		H.	F.			0.00
Tuesday, 9,	29.77	74	78	70	89	88	88	S.	N. W.	9	4		O.	O.			0.91
Wednes'y, 10,	30.02	68	75	60	59	58	58	N. W.	N. W.	17	11		C.	C.			0.00
Thursday, 11,	30.16	62	68	56	56	65	60	N.	S. W.	6	6		F.	F.			0.00
Friday, 12,	30.13	68	78	57	58	71	64	W.	S. W.	5	15		C.	C.			0.00
Saturday, 13,	29.99	64	72	57	78	83	80	S. W.	S. W.	10	14		C.	O.			0.28
Week, - -	29.96		77	62			74										1.19

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of June: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	342	80	422	Maple Syrup,	..	..	..
Butter,	2	0	2	Canned Goods,	..	..	..
Cheese,	2	0	2	Honey,	2	0	2
Lard,	..	..	..	Tea,	16	.0	16
Olive Oil,	7	0	7	Coffee,	12	2	14
Vinegar,	..	1	1	Cocoa,	0	1	1
Spices,	74	17	81	Confectionery,	4	0	4
Cream of Tartar,	33	1	34	Other articles of Food and Drinks,	14	4	18
Molasses,	14	3	17	Drugs,	11	13	24
Syrups,	1	3	4				
Maple Sugar,	1	0	1				
				Totals,	535	125	660

Percentage of adulteration, 18.9. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of Milk found to be adulterated was 19.0 per cent., as compared with 7.3 per cent. for the preceding month, while the percentage of other articles of food and drugs was 18.9.

Two complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. One of these was for the violation of the statutes relative to the sale of Milk. Fines were imposed amounting to $10.

The samples of drugs found to be adulterated were Distilled Water, Ether, Red Wine, White Wine and Whiskey.

The cities and towns from which samples of food were collected were Boston, Fall River, Cambridge, Lynn, Lawrence, Somerville, Springfield, New Bedford, Brockton, Salem, Malden, Chelsea, Newton, Waltham, Woburn, Everett, Medford, Arlington, Beverly, Barre, Braintree, Framingham, Hardwick, Hyde Park, Stoneham, Watertown and Weymouth.

Weekly Bulletin

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—OF—

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FOR THE

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MORTALITY OF MASSACHUSETTS

For the Week ending July 20, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

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CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet Fever.
Boston,	501,107	228	93	46	24	29	9	4
Worcester,	100,410	31	21	14	2	12	..	..
Fall River,	92,233	53	36	25	2	24	..	..
Lowell,	90,613	49	32	25	..	22	1	..
Cambridge,	79,607	..	..	..	..	..	..	..
Lynn,	65,123	15	2	..	2	..	..	..
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	25	16	16	3	15	..	1
Lawrence,	49,900	29	22	15	3	15	..	..
New Bedford,	47,741	24	20	14	1	12	..	1
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	4	2	..	..	..	..	..
Salem,	33,155	8	4	3	..	3	..	..
Haverhill,	32,925	8	3	..	2	..	..	..
Malden,	30,209	7	3	1	..	..	..	1
Chelsea,	29,806	11	3	..	1	..	..	..
Fitchburg,	29,383	7	4	2	..	2	..	..
Newton,	28,837	11	5	3	3	2	1	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	7	2	..	..	..	..	..
Waltham,		9	2	..	3	..	..	..
Quincy,		5	4	..	..	..	..	..
North Adams,		..	..	..	..	..	..	..
Pittsfield,		6	2	2	2	..	2	..
Everett,		3	1	..	..	..	..	..
Northampton,		..	..	..	..	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		8	3	1	1	1	..	..
Newburyport,		8	3	1	1	1	..	..
Brookline,		1	0	..	..	..	..	..
Medford,		2	1	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		5	3	1	..	..	1	..
Clinton,		2	0	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		4	0	..	2	..	..	..
Melrose,		3	0	2	..	..	..	..
Westfield,		7	3	3	1	2	1	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet Fever.
Total of reporting towns,	1,421,501	580	290	174	53	140	15	7

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and seventy-four deaths were reported from the principal infectious diseases: diarrhœal diseases, 140; diphtheria and croup, 15; scarlet-fever, 7; typhoid fever, 5; cerebro-spinal meningitis and erysipelas, 2 each; measles and whooping-cough, 1 each.

No deaths were reported from small-pox and malarial fever.

There were 53 deaths from consumption; acute lung diseases, 35; and still-births, 26.

From typhoid fever: Boston, 2; Fall River, Lowell and Melrose, 1 each. From cerebro-spinal meningitis: Worcester, 2. From erysipelas: Boston, 2. From measles: New Bedford, 1. From whooping-cough: Lowell, 1. From puerperal fever: Melrose, 1.

Deaths under five years of age numbered 290, as compared with 166 for the preceding week.

Deaths from the principal infectious diseases numbered 174, as compared with 121 for the preceding week.

The death rates for the week were: Boston, 23.65; Worcester, 16.05; Fall River, 29.88; Lowell, 28.12; Cambridge, ——; Lynn, 11.97; Somerville, ——; Springfield, 25.85; Lawrence, 30.22; New Bedford, 26.15; Holyoke, ——; Brockton, 6.12; Salem, 12.55; Haverhill, 12.73; Malden, 9.24; Chelsea, 19.19; Fitchburg, 12.38; Newton, 19.83; Gloucester, ——: Taunton, 13.50; Waltham, 21.26; Quincy, 12.75; North Adams, ——: Pittsfield. 15.92; Everett, 10.22; Northampton, ——; Marlborough, ——; Chicopee, ——; Woburn, 27.84; Newburyport, 29.43; Medford, 8.18.

The total death rate for the week was 21.21, against 16.63 and 15.03 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JULY 20, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	84.	Measles.	77.
Diphtheria and croup,	101.	Typhoid fever,	34.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, July 20, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 14,	30.01	64	71	56	71	89	80	N.	N.	11	14			C.	O.			0.39
Monday, 15,	30.06	64	69	58	74	76	75	N. E.	S. W.	2	10			F.	F.			0.00
Tuesday, 16,	30.00	64	69	59	93	97	95	E.	N. E	6	12			O.	R.			0.03
Wednes'y, 17,	29.95	63	66	60	92	95	95	N.	S. E.	5	4			O.	C.			0.00
Thursday, 18,	29.94	72	82	63	67	50	58	N. W.	N.	10	7			O.	C.			0.00
Friday, 19,	30.10	71	82	60	60	67	64	N. W.	W.	6	5			C.	F.			0.00
Saturday, 20,	30.05	74	80	67	74	80	77	S. W.	E.	2	5			O.	F.			T.
Week, - -	30.01		74	60			78											0.42

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, July 27, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 30.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
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JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending July 27, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	197	94	58	16	45	2	9
Worcester,	100,410	57	30	23	4	21	1	1
Fall River,	92,233	72	51	39	2	37	2	..
Lowell,	90,613	64	35	27	3	26	..	1
Cambridge,	79,607	31	17	12	1	8	..	2
Lynn,	65,123	24	8	2	5	2	..	..
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	13	6	6	1	6	..	..
Lawrence,	49,900	24	16	10	1	10	..	..
New Bedford,	47,741	30	21	16	1	15	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	9	1	1	5	1	..	..
Salem,	33,155	14	7	6	..	5	..	..
Haverhill,	32,925	10	8	4	2	4	..	..
Malden,	30,209	10	3	2	2	2	..	..
Chelsea,	29,806	8	4	..	2	..	..	..
Fitchburg,	29,383	..	..	..	..	..	..	..
Newton,	28,837	13	6	..	1	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	12	4	1	..	..	..	..
Waltham,		5	2	1	1	1	..	..
Quincy,		4	2	1	1	..	1	..
North Adams,		8	2	..	..	..	..	..
Pittsfield,		2	0	1	..	..	1	..
Everett,		3	3	1	..	..	..	..
Northampton,		5	1	2	1	2	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		..	..	..	..	..	..	..
Newburyport,		..	..	..	..	..	..	..
Brookline,		3	1	..	..	..	..	..
Medford,		2	1	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		3	1	..	1	..	..	..
Clinton,		2	1	..	1	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		3	1	..	..	..	..	..
Melrose,		3	1	..	..	..	..	..
Westfield,		3	1	1	..	1	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,478,222	634	327	214	51	186	7	13

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and fourteen deaths were reported from the principal infectious diseases: diarrhœal diseases, 186; diphtheria and croup, 13; typhoid fever, 7; scarlet-fever, 4; malarial fever, 2; cerebro-spinal meningitis and erysipelas, 1 each.

No deaths were reported from small-pox and puerperal fever.

There were 51 deaths from consumption; acute lung diseases, 23; and still-births, 35.

From scarlet fever: Boston, 2; Cambridge and Salem, 1 each. From malarial fever: New Bedford and Everett, 1 each. From cerebro-spinal meningitis: Taunton, 1. From erysipelas: Cambridge, 1.

Deaths under five years of age numbered 327, as compared with 290 for the previous week.

Deaths from the principal infections diseases numbered 214, as compared with 174 for the previous week.

The death rates for the week were: Boston, 20.43; Worcester, 29.51; Fall River, 40.59; Lowell, 36.72; Cambridge, 20.24; Lynn, 19.08; Somerville, ——; Springfield, 13.44; Lawrence, 25.01; New Bedford, 32.69; Holyoke, ——; Brockton, 13.78; Salem, 21.95; Haverhill, 15.79; Malden, 17.21; Chelsea, 13.96; Fitchburg, ——; Newton, 14.42; Gloucester, ——; Taunton, 23.15; Waltham, 11.81; Quincy, 10.20; North Adams, 22.00; Pittsfield, 5.32; Everett, 10.22; Northampton, 15.60; Marlborough, ——; Chicopee, ——; Woburn, ——; Newburyport, ——; Medford, 8.18.

The total death rate for the week was 22.30, against 21.21 and 16.63 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JULY 27, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	71.	Measles.	44.
Diphtheria and croup,	109.	Typhoid fever,	29.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, July 27, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 21,	29.93	74	82	67	79	73	76	N.	W.	4	6	F.	F.		0.00
Monday, 22,	29.89	76	83	69	82	81	82	N.	S. E.	7	6	O.	O.		0.17
Tuesday, 23,	29.95	76	82	69	66	61	64	N. W.	N. W.	14	6	O.	C.		0.00
Wednes'y, 24,	29.98	72	82	62	46	58	52	N. W.	S. W.	7	10	C.	O.		0.00
Thursday, 25,	29.78	73	81	65	59	83	71	W.	S. W.	7	10	C.	O.		0.00
Friday, 26,	29.86	71	80	62	62	58	60	N. W.	W.	10	8	C.	C.		0.00
Saturday, 27,	29.91	70	79	61	48	81	64	S. W.	S.	2	15	O.	O.		T.
Week, - -	29.90		81	65			67								0.17

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, August 3, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 31.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending August 3, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	244	137	78	16	67	3	7
Worcester,	100,410	24	17	14	2	12	1	..
Fall River,	92,233	57	38	29	3	28	..	..
Lowell,	90,613	36	24	18	2	17	..	1
Cambridge,	79,607	31	21	16	2	12	1	2
Lynn,	65,123	20	10	6	3	5	..	..
Somerville,	50,727	13	5	4	2	3	..	..
Springfield,	50,284	14	8	7	..	7	..	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	31	20	14	..	14	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	5	3	..	..	..	..	..
Salem,	33,155	26	15	11	1	9	2	..
Haverhill,	32,925	9	6	..	1	..	..	..
Malden,	30,209	14	6	6	1	6	..	..
Chelsea,	29,806	11	5	2	..	..	..	1
Fitchburg,	29,383	7	2	..	1	..	..	..
Newton,	28,837	12	6	..	1	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	10	4	2	1	..	1	..
Waltham,		9	1	..	1	..	..	..
Quincy,		10	5	4	2	3	..	..
North Adams,		..	..	..	..	..	..	..
Pittsfield,		3	1	1	..	1	..	..
Everett,		9	4	1	..	1	..	..
Northampton,		2	1	1	..	1	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		13	5	2	2	2	..	..
Newburyport,		5	3	2	..	2	..	..
Brookline,		3	1	..	..	..	..	..
Medford,		..	..	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		8	5	1	..	1	..	..
Clinton,		2	0	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		4	2	1	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		6	3	3	..	2	..	1
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,495,437	638	358	223	41	193	8	12

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and twenty-three deaths were reported from the principal infectious diseases: diarrhœal diseases, 193; diphtheria and croup, 12; typhoid fever, 8; cerebro-spinal meningitis, 4; scarlet-fever and whooping-cough, each 3.

No deaths were reported from small-pox, measles, erysipelas, puerperal fever and malarial fevers.

There were 41 deaths from consumption; acute lung diseases, 31; and still-births, 21.

From cerebro-spinal meningitis: Worcester, Somerville, Chelsea and Taunton, 1 each. From scarlet fever: Lynn, Quincy and Amesbury, 1 each. From whooping-cough: Boston, Fall River and Cambridge, 1 each.

Deaths under five years of age numbered 358, as compared with 327 for the preceding week.

Deaths from the principal infectious diseases numbered 223, as compared with 214 for the preceding week.

The death rates for the week were: Boston, 25.31; Worcester, 12.42; Fall River, 32.13; Lowell, 20.66; Cambridge, 20.24; Lynn, 15.97; Somerville, 20.50; Springfield, 13.44; Lawrence, ——; New Bedford, 33.79; Holyoke, ——; Brockton, 7.66; Salem, 40.76; Haverhill, 13.21; Malden, 24.09; Chelsea, 19.19; Fitchburg, 13.38; Newton, 21.63; Gloucester, ——; Taunton, 19.29; Waltham, 21.26; Quincy, 25.50; North Adams, ——: Pittsfield. 7.98; Everett, 30.66; Northampton, 6.24; Marlborough, ——; Chicopee, ——; Woburn, ——; Newburyport, 18.39; Medford, ——.

The total death rate for the week was 22.18, against 22.30 and 21.21 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING AUGUST 3, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	77.	Measles,	37.
Diphtheria and croup,	100.	Typhoid fever,	62.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Aug. 3, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 28,	29.83	72	77	66	70	53		62	N.	N. W.	15	5			F.	C.			0.03
Monday, 29,	29.93	69	80	58	53	58		56	N. W.	S. W.	8	14			C.	C.			0.00
Tuesday, 30,	29.76	71	79	63	69	90		80	S. W.	W.	16	6			C.	C.			0.46
Wednes'y, 31,	29.83	63	72	54	56	60		58	W.	S. W.	9	9			C.	C.			0.00
Thursday, 1,	29.86	64	71	56	56	65		60	W.	S. W.	15	8			O.	F.			0.00
Friday, 2,	29.94	66	72	59	71	71		71	W.	S. E.	9	5			O.	F.			T.
Saturday, 3,	30.01	68	79	58	53	60		56	W.	S. W.	6	10			F.	F.			0.00
Week, - -	29.88		76	59				63											0.49

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In 5 smaller towns of Massachusetts, as reported to the State Board of Health for the month of July.

The total death rate of reporting towns was 12.2.

TOWNS.	POPULATION.	Reported Deaths in Each.	Deaths under five years of age.	DEATHS FROM					
				Infectious Diseases.	Acute lung Diseases.	Typhoid Fever.	Diphtheria and Croup.		
Revere,	7,437	9	3	1	1	..	1		
Orange,	5,357	3	1	..	..	..	..		
Hudson,	5,306	4	1	1	..	1	..		
Merrimac,	2,302	3	0	..	..	..	..		
Acushnet,	1,116	3	0	..	..	..	..		
Total of reporting towns,	21,518	22	5	2	1	1	1		

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, August 10, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 32.

Entered at the post-office at Boston as second-class matter.

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It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

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STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
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JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending August 10, 1895.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	300	159	94	21	74	6	11
Worcester,	100,410	33	18	12	2	11	1	..
Fall River,	92,233	68	41	34	4	30	3	..
Lowell,	90,613	44	32	21	3	20	..	..
Cambridge,	79,607	35	20	7	4	5	..	2
Lynn,	65,123	31	16	5	2	2	..	1
Somerville,	50,727	20	8	7	1	6	..	1
Springfield,	50,284	11	4	5	2	5	..	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	29	17	11	1	9	1	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	8	6	1	1	..	1	..
Salem,	33,155	..	..	..	..	..	..	..
Haverhill,	32,925	..	..	..	..	..	..	..
Malden,	30,209	15	5	6	1	6	..	..
Chelsea,	29,806	22	14	7	2	2	..	1
Fitchburg,	29,383	11	6	5	1	4	1	..
Newton,	28,837	10	4	2	1	1	..	1
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	5	3	1	..	..	..	..
Waltham,		5	3	1	3	1	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		9	3	..	..	..	..	..
Pittsfield,		3	2	2	..	2	..	..
Everett,		9	6	3	..	1	1	1
Northampton,		8	3	2	1	2	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		6	3	..	..	..	..	..
Newburyport,		8	3	3	..	3	..	..
Brookline,		5	2	..	..	..	..	..
Medford,		8	5	7	..	7	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		3	1	..	1	..	..	..
Clinton,		4	0	2	..	1	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		2	2	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		2	1	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,450,466	714	387	238	51	192	14	18

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and thirty-eight deaths were reported from the principal infectious diseases: diarrhœal diseases, 192; diphtheria and croup, 18; typhoid fever, 14; cerebro-spinal meningitis, 9; scarlet-fever, 3; whooping-cough, 2.

No deaths were reported from small-pox, measles, malarial fever, erysipelas and puerperal fever.

There were 51 deaths from consumption; acute lung diseases, 18; and still-births, 42.

From cerebro-spinal meningitis: Chelsea, 4; Fall River, Lowell, Lynn, Taunton and Clinton, 1 each. From scarlet-fever: Boston, Lynn and New Bedford, 1 each. From whooping-cough: Boston, 2.

Deaths under five years of age numbered 387, as compared with 358 for the preceding week.

Deaths from the principal infectious diseases numbered 238, as compared with 223 for the preceding week.

The death rates for the week were: Boston, 31.12; Worcester, 17.08; Fall River, 38.33; Lowell, 25.25; Cambridge, 22.86; Lynn, 24.75; Somerville, 20.50; Springfield, 11.37; Lawrence, ——; New Bedford, 8.71; Holyoke, ——; Brockton, 12.25; Salem, ——; Haverhill, ——; Malden, 25.81; Chelsea, 38.39; Fitchburg, 19.46; Newton, 18.03; Gloucester, ——; Taunton, 9.64; Waltham, 11.81; Quincy, ——; North Adams, 24.75: Pittsfield, 7.98; Everett, 30.66; Northampton, 24.96; Marlborough, ——; Chicopee, ——; Woburn, 20.88; Newburyport, 29.43; Medford, 32.75.

The total death rate for the week was 25.59, against 22.18 and 22.30 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING AUGUST 10, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	38.	Measles,	22.
Diphtheria and croup,	109.	Typhoid fever,	32.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Aug. 10, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 4,	29.90	72	82	63	86	71		78	S.	S. W.	6	13			O.	F.			0.00
Monday, 5,	29.90	76	86	67	75	53		64	W.	W.	8	8			C.	C.			0.00
Tuesday, 6,	30.00	78	89	67	64	64		64	S. W.	W.	4	9			F.	C.			0.00
Wednes'y, 7,	29.86	73	80	66	88	88		88	S. E.	S. W.	6	11			O.	C.			1.05
Thursday, 8,	29.94	76	84	68	58	53		56	W.	W.	12	9			C.	C.			0.00
Friday, 9,	29.99	74	84	64	54	55		54	W.	W.	11	9			F.	O.			0.00
Saturday, 10,	29.90	77	86	68	48	44		46	N. W.	N.	10	5			C.	C.			0.00
Week, - -	29.92		84	66				64											1.05

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of July: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
*Milk, . . .	117	258	375	Maple Syrup, . .	1	0	1
Butter, . . .	19	0	19	Canned Goods, .	..	..	..
Cheese, . . .	1	0	1	Honey, . . .	1	0	1
Lard, . . .	..	..	..	Tea, . . .	5	0	5
Olive Oil, . . .	3	1	4	Coffee, . . .	..	..	..
Vinegar, . . .	11	6	17	Cooking Utensils, .	2	0	2
Spices, . . .	..	..	..	Confectionery, .	4	0	4
Cream of Tartar, .	30	0	30	Other articles of Food and Drinks,	1	2	3
Molasses, . . .	26	0	26	Drugs, . . .	15	16	31
Syrups, . . .	..	..	..				
Maple Sugar, . .	..	..	..				
				Totals, . .	236	283	519

* One sample of milk contained only 6.66% total solids.

Percentage of adulteration, 54.5. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of Milk found to be adulterated was 68.8 per cent., as compared with 19.0 per cent. for the preceding month, while the percentage of other articles of food and drugs was 17.3.

Six complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. All of these were for violation of the statutes relative to the sale of Milk. Fines were imposed amounting to $350.

The samples of drugs found to be adulterated were Distilled Water, Olive Oil, Tincture Iodine and Whiskey.

The cities and towns from which samples of food were collected were Boston, Fall River, Cambridge, Somerville, Springfield, Holyoke, Salem, Malden, Newton, Gloucester, Waltham, Quincy, Everett, Woburn, Brookline, Amesbury, Bedford, Billerica, Deerfield, Greenfield, Holliston, Nantucket, Natick, Wareham, Palmer, Peabody, Provincetown, Plymouth, Revere, Sherborn, Sudbury, Watertown, Westford and Winchester.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, August 17, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 33.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending August 17, 1895.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	254	140	66	16	52	4	7
Worcester,	100,410	33	19	11	4	8	..	..
Fall River,	92,233	42	26	19	..	16	2	..
Lowell,	90,613	..	..	..	..	..	..	..
Cambridge,	79,607	32	18	11	..	7	..	3
Lynn,	65,123	22	11	5	2	3	1	..
Somerville,	50,727	14	10	8	1	7	..	..
Springfield,	50,284	..	..	..	..	..	..	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	21	11	9	3	8	1	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	8	0	2	1	2	..	..
Salem,	33,155	20	7	8	2	8	..	..
Haverhill,	32,925	9	6	1	1	1	..	..
Malden,	30,209	7	5	1	3	..	..	..
Chelsea,	29,806	18	10	4	..	..	..	2
Fitchburg,	29,383	14	11	8	..	6	1	..
Newton,	28,837	10	4	1	1	1	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	16	11	..	..	..	..	..
Waltham,		6	3	2	..	2	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		14	8	2	..	..	2	..
Pittsfield,		6	5	4	..	4	..	..
Everett,		7	5	3	1	1	..	2
Northampton,		7	5	3	..	3	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		5	4	2	..	1	..	..
Newburyport,		6	2	3	1	1	1	..
Brookline,		5	2	..	..	..	..	..
Medford,		4	1	1	1	1	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		5	1	1	1	1	..	..
Clinton,		4	0	3	..	2	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		..	..	..	..	..	..	..
Melrose,		7	0	2	..	2	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,364,438	596	325	180	38	137	12	14

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and eighty deaths were reported from the principal infectious diseases: diarrhœal diseases, 137; diphtheria and croup, 14; typhoid fever, 12; cerebro-spinal meningitis, 9; scarlet-fever, 6; whooping-cough, 1; puerperal fever, 1.

No deaths were reported from small-pox, measles and malarial fevers.

There were 38 deaths from consumption; acute lung diseases, 20; and still-births, 36.

From cerebro-spinal meningitis: Worcester, 3; Chelsea, 2; Fall River, Lynn, Somerville and Fitchburg, 1 each. From scarlet-fever: Boston, 3; Cambridge, Malden and Woburn, 1 each. From whooping-cough: Newburyport, 1. From puerperal fever, Clinton, 1.

Deaths under five years of age numbered 325, as compared with 387 for the preceding week.

Deaths from the principal infectious diseases numbered 180, as compared with 238 for the preceding week.

The death rates for the week were: Boston, 26.35; Worcester, 17.08; Fall River, 23.67; Lowell, ——; Cambridge, 20.90; Lynn, 17.56; Somerville, 14.35; Springfield, ——; Lawrence, ——; New Bedford, 22.88; Holyoke, ——; Brockton, 12.25; Salem, 31.36; Haverhill, 14.21; Malden, 12.04; Chelsea, 31.14; Fitchburg, 24.77; Newton, 18.03; Gloucester, ——; Taunton, 30.87; Waltham, 14.17; Quincy, ——; North Adams, 38.51; Pittsfield. 15.97; Everett, 23.84; Northampton, 21.84; Marlborough, ——; Chicopee, ——; Woburn, 17.40: Newburyport, 18.39; Medford, 16.36.

The total death rate for the week was 22.71, against 25.59 and 22.18 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING AUGUST 17, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	80.	Measles,	24.
Diphtheria and croup,	98.	Typhoid fever,	120.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Aug. 17, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 11,	29.89	72	79	64	46	61		54	N.	S. E.	3	9			C.	F.			0.00
Monday, 12,	29.81	68	73	63	92	90		91	S. E.	N. E.	11	5			R.	O.			0.40
Tuesday, 13,	29.88	68	73	62	96	92		94	S. E.	E.	4	4			O.	O.			T.
Wednes'y, 14,	29.98	70	79	62	59	76		68	N.	S.	5	7			C.	C.			0.00
Thursday, 15,	30.04	74	82	66	49	73		61	N.	S. W.	3	9			F.	C.			0.00
Friday, 16,	30.10	72	76	69	65	53		59	N. E.	S.	7	9			C.	C.			0.00
Saturday, 17,	29.99	72	80	64	84	86		85	S. E.	S.	4	12			C.	O.			0.00
Week, - -	29.94		77	74				73											0.40

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Aug. 24, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 34.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

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MORTALITY OF MASSACHUSETTS

For the Week ending August 24, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The State Census for 1895 is being taken during the present month, and as soon as the results are made known, the estimated populations here employed will be corrected up to date.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	231	106	61	25	39	6	13
Worcester,	100,410	37	27	17	3	13	2	..
Fall River,	92,233	47	24	17	3	15	1	1
Lowell,	90,613	..	..	..	..	..	..	..
Cambridge,	79,607	32	16	10	4	8	1	..
Lynn,	65,123	16	7	4	2	2	..	..
Somerville,	50,727	19	6	6	2	5	..	1
Springfield,	50,284	15	8	7	1	7	..	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	33	20	11	..	10	1	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	9	5	4	1	4	..	..
Salem,	33,155	16	7	3	1	3	..	..
Haverhill,	32,925	7	4	1	..	1	..	..
Malden,	30,209	9	3	3	..	3	..	..
Chelsea,	29,806	10	5	2	1	..	..	1
Fitchburg,	29,383	12	11	9	..	9	..	..
Newton,	28,837	8	5	3	1	3	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	5	3	..	..	..	..	..
Waltham,		12	4	..	1	..	..	..
Quincy,		9	5	2	1	2	..	..
North Adams,		3	0	..	..	..	..	..
Pittsfield,		4	3	2	1	2	..	..
Everett,		..	..	..	..	..	..	..
Northampton,		3	1	1	2	1	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		14	4	7	..	1	..	1
Newburyport,		..	..	..	..	..	..	..
Brookline,		3	2	..	1	..	..	..
Medford,		2	0	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		8	4	..	..	..	..	..
Clinton,		4	0	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		2	2	1	..	1	..	..
Melrose,		7	0	2	..	2	..	..
Westfield,		3	2	1	..	1	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,427,496	580	286	174	50	132	11	17

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and seventy-four deaths were reported from the principal infectious diseases: diarrhœal diseases, 132; diphtheria and croup, 17; typhoid fever, 11; scarlet-fever, 6; cerebro-spinal meningitis, 5; whooping-cough, malarial fever and puerperal fever, each 1.

No deaths were reported from small-pox, measles and erysipelas.

There were 50 deaths from consumption; acute lung diseases, 28; and still-births, 40.

From scarlet-fever: Woburn, 5; Boston, 1. From cerebro-spinal meningitis: Worcester and Lynn, 1 each. From whooping-cough: Cambridge, 1. From malarial fever, Boston, 1. From puerperal fever, Boston, 1.

Deaths under five years of age numbered 286, as compared with 325 for the preceding week.

Deaths from the principal infectious diseases numbered 174, as compared with 180 for the preceding week.

The death rates for the week were: Boston, 23.96; Worcester, 19.15; Fall River, 26.49; Lowell, ——; Cambridge, 21.00; Lynn, 12.77; Somerville, 19.47; Springfield, 15.47; Lawrence, ——; New Bedford, 35.96; Holyoke, ——; Brockton, 13.78; Salem, 25.08; Haverhill, 11.05; Malden, 15.49; Chelsea, 17.45; Fitchburg, 21.23; Newton, 14.46; Gloucester, ——; Taunton, 9.64; Waltham, 28.35; Quincy, 22.95; North Adams, 8.25; Pittsfield. 10.64; Everett, ——; Northampton, 9.36; Marlborough, ——; Chicopee, ——; Woburn, ——; Newburyport, ——; Medford, 8.18.

The total death rate for the week was 21.13, against 22.71 and 25.59 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING AUGUST 24, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	77.	Measles.	11.
Diphtheria and croup,	86.	Typhoid fever,	70.

(SIGNED). S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Aug. 24, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 18,	29.78	70	79	62	64	55	60	N. W.	N. W.	9	12			C.	O.			0.00
Monday, 19,	29.94	64	73	56	56	73	64	W.	S. W.	7	7			C.	C.		0.35	0.02
Tuesday, 20,	29.91	65	73	57	56	50	53	W.	N. W.	12	13			C.	C.			0.00
Wednes'y, 21,	30.24	61	72	50	53	62	58	N. W.	S. W.	8	11			C.	C.			0.00
Thursday, 22,	30.06	70	81	58	71	78	74	S. W.	S. W.	17	13			F.	C.			0.00
Friday, 23,	29.75	79	88	70	76	71	74	S. W.	S. W.	12	17			O.	O.			0.00
Saturday, 24,	29.92	74	83	66	62	48	55	N. W.	N.	15	8			C.	O.		2.50	0.02
Week, - -	29.94	69.0	78.4	59.9	62.6	62.4	62.5	N. W.	S. W.								3.25	0.04

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Aug. 31, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 35.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending August 31, 1895.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	258	123	66	23	41	8	11
Worcester,	98,687	42	18	17	5	13	1	..
Fall River,	88,020	46	27	18	5	18	..	..
Lowell,	84,359	..	..	..	..	..	..	..
Cambridge,	81,519	41	23	14	2	12	..	2
Lynn,	62,355	24	10	9	2	5	1	2
New Bedford,	55,254	22	13	9	1	8	..	..
Somerville,	52,193	22	5	6	3	3	1	1
Lawrence,	52,153	..	..	..	..	..	..	..
Springfield,	51,534	12	6	4	2	4	..	..
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	20	7	4	..	4	..	..
Brockton,	33,157	10	5	2	1	2	..	..
Chelsea,	31,295	18	8	3	1	2	..	..
Haverhill,	30,185	10	3	..	1	..	..	..
Malden,	29,706	8	2	..	1	..	..	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	8	1	2	1	..	..	2
Taunton,	27,093	6	1	1	..	..	..	1
Fitchburg,	26,394	10	9	7	..	6	..	..
Waltham,	20,877	11	3	..	1	..	..	..
Quincy,	20,712	..	..	..	..	..	..	..
Pittsfield,	20,447	8	8	8	..	8	..	..
North Adams,	19,127	..	..	..	..	..	..	..
Everett,	18,578	..	..	..	..	..	..	..
Northampton,	16,738	9	3	4	2	3	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	3	0	..	..	..	..	..
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	5	0	1	..	..	1	..
Medford,	14,480	6	0	2	..	1	1	..
Woburn,	14,176	9	5	3	..	..	..	..
Melrose,	11,966	3	2	2	..	2	..	..
Hyde Park,	11,828	5	2	1	..	1	..	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	4	2	3	..	2	1	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield,	10,659	4	2	1	..	1	..	..
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,387,040	476	288	187	51	136	14	19

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and eighty-seven deaths were reported from the principal infectious diseases: diarrhœal diseases 136; diphtheria and croup, 19; typhoid fever, 14; whooping-cough, 6; cerebro-spinal meningitis, 5; scarlet-fever, 4; erysipelas, 2; puerperal fever, 1.

No deaths were reported from small-pox, measles and malarial fever.

There were 51 deaths from consumption; acute lung diseases, 29; and still-births, 26.

From whooping-cough: Boston, 3; Worcester, 2; Northampton, 1. From cerebro-spinal meningitis: Boston, Worcester, Lynn, New Bedford and Somerville, 1 each. From scarlet-fever: Chelsea, 1; Woburn, 3. From erysipelas, Boston and Fitchburg, 1 each. From puerperal fever, Boston, 1.

Deaths under five years of age numbered 288, as compared with 286 for the preceding week.

Deaths from the principal infectious diseases numbered 187, as compared with 174 for the preceding week.

The death rates for the week were: Boston, 27.14; Worcester, 22.13; Fall River, 27.17; Lowell, ——; Cambridge, 26.15; Lynn, 20.01; New Bedford, 20.70; Somerville, 21.91; Lawrence, ——; Springfield, 12.10; Holyoke, ——; Salem, 30.20; Brockton, 15.68; Chelsea, 29.90; Haverhill, 17.22; Malden, 14.00; Newton, 15.05; Taunton, 11.53; Fitchburg, 19.70; Waltham, 27.39; Quincy, ——; Pittsfield. 20.34; North Adams, ——; Everett, ——; Northampton, 27.00; Chicopee, ——; Marlborough, ——; Newburyport, 17.85; Medford, 21.54; Woburn, ——.

The total death rate for the week was 17.92, against 21.13 and 22.71 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING AUGUST 31, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	74.	Measles,	13.
Diphtheria and croup,	104.	Typhoid fever,	100.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Aug. 31, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 25,	29.92	74	83	66	62	48	55	N. W.	N.	15	8			C.	C.			0.02
Monday, 26,	30.07	71	82	60	58	61	60	W.	S. W.	8	10			C.	C.			0.00
Tuesday, 27,	30.03	72	80	65	72	59	66	N. W.	S. W.	3	12			O.	C.			0.00
Wednes'y, 28,	29.88	78	87	68	73	64	68	W.	W.	10	9			F.	F.			0.00
Thursday, 29,	29.86	70	79	61	90	89	90	S. E.	E.	7	7			O.	O.			0.16
Friday, 30,	30.13	65	70	60	73	82	78	N. E.	S. E.	7	6			O.	C.			0.00
Saturday, 31,	29.94	70	80	60	82	95	88	S. E.	S.	6	12			O.	O.			0.35
Week, - -	29.98		80	63			72											0.53

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 7, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 36.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending September 7, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	Estimated Population. 1895.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	197	84	54	19	32	7	11
Worcester,	98,687	27	15	9	3	5	..	4
Fall River,	88,020	30	17	12	3	9	2	..
Lowell,	84,359	40	20	13	2	12	..	1
Cambridge,	81,519	26	15	11	6	9	..	2
Lynn,	62,355	24	9	8	2	3	1	2
New Bedford,	55,254	18	9	3	1	2	1	..
Somerville,	52,193	10	4	3	..	3	..	..
Lawrence,	52,153	12	7	4	..	1	..	..
Springfield,	51,534	21	12	10	3	9	..	..
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	11	3	2	1	2	..	..
Brockton,	33,157	10	0	3	2	2	1	..
Chelsea,	31,295	10	5	2	2	..	..	1
Haverhill,	30,185	10	5	2	1	2	..	..
Malden,	29,706	7	2	2	1	2	..	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	9	3	..	..	..	..	..
Taunton,	27,093	9	4	1	..	..	1	..
Fitchburg,	26,394	8	4	3	1	3	..	..
Waltham,	20,877	7	3	2	..	2	..	..
Quincy,	20,712	8	3	1	2	1	..	..
Pittsfield,	20,447	5	2	4	2	4	..	..
North Adams,	19,127	..	..	..	..	..	..	..
Everett,	18,578	6	5	1	..	1	..	..
Northampton,	16,738	..	..	..	..	..	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	6	2	..	..	..	..	..
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	6	1	1	..	1	..	..
Medford,	14,480	4	0	..	..	..	..	..
Woburn,	14,176	5	4	2	..	..	1	..
Melrose,	11,966	3	2	2	..	2	..	..
Hyde Park,	11,828	12	6	4	..	4	..	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	11	2	2	3	2	..	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield,	10,659	..	..	..	..	..	..	..
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,535,445	552	248	161	54	113	14	21

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and sixty-one deaths were reported from the principal infectious diseases: diarrhœal diseases, 113; diphtheria and croup, 21; typhoid fever, 14; cerebro-spinal meningitis, 5; scarlet-fever, 3; whooping-cough, 2; measles, erysipelas and malarial fever, 1 each.

No deaths were reported from small-pox and puerperal fever.

There were 54 deaths from consumption; acute lung diseases, 23; and still-births, 32.

From cerebro-spinal meningitis: Lynn, 2; Lawrence, Springfield and Chelsea, 1 each. From scarlet-fever: Boston, Fall River, Woburn, 1 each. From whooping-cough: Boston and Lawrence, 1 each; From measles, Lawrence, 1. From erysipelas, Boston, 1. From malarial fever, Boston, 1.

Deaths under five years of age numbered 248, as compared with 288 for the preceding week.

Deaths from the principal infectious diseases numbered 161, as compared with 187 for the preceding week.

The death rates for the week were: Boston, 20 72; Worcester, 14.22; Fall River, 17.72; Lowell, 24.65; Cambridge, 16.58; Lynn, 19.99; New Bedford, 16.93; Somerville, 9.96; Lawrence, 11.96; Springfield, 12.10; Holyoke, ——; Salem, 16.61; Brockton, 15.68; Chelsea, 16.61; Haverhill, 17.22; Malden, 12.25; Gloucester, —— Newton, 16.93; Taunton, 17.30; Fitchburg, 15.76; Waltham, 17.43; Quincy, 20.08; Pittsfield. 12.71; North Adams, ——; Everett, 16.80; Northampton, ——; Chicopee, ——; Marlborough, ——; Newburyport, 21.42; Medford, 14.36; Woburn, 18.34; Beverly, ——.

The total death rate for the week was 18.69, against 17.92 and 21.13 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING SEPTEMBER 7, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	80.	Measles.	7.
Diphtheria and croup,	117.	Typhoid fever,	122.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Sept. 7, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 1,	30.02	66	73	58	49	48	48	N. W.	N.	12	5			C.	C.			0.35
Monday, 2,	30.03	61	71	57	53	53	53	N. W.	W.	4	9			F.	C.			0.00
Tuesday, 3,	30.03	66	79	54	59	60	60	W.	S. W.	7	15			C.	C.			0.00
Wednes'y, 4,	30.06	73	84	62	75	76	76	W.	S.	10	12			C.	C.			0.00
Thursday, 5,	30.14	72	82	63	84	70	77	W.	S. W.	12	10			O.	C.			0.00
Friday, 6,	30.13	68	74	62	71	97	84	N. W.	E.	4	4			C.	C.			0.00
Saturday, 7,	30.12	63	66	60	91	87	89	N.	N. E.	13	9			O.	O.			0.00
Week, - -	30.00		76	59			70											0.35

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In 8 smaller towns of Massachusetts, as reported to the State Board of Health for the month of August.

The total death rate of reporting towns was 14.8.

TOWNS.	POPULATION.	Reported Deaths in Each.	Deaths under five years of age.	DEATHS FROM				
				Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Cerebro-spinal Meningitis.	Typhoid Fever.
Amesbury,	9,984	3	0	..	..	..	..	..
Revere,	7,437	14	4	2	1	..	1	1
Orange,	5,357	6	1	1	1	1	..	..
Hudson,	5,306	8	6	6	..	4	1	..
Easthampton,	4,790	9	3	5	..	4	..	..
Merrimac,	2,302	4	2	1	..	1	..	..
Norton,	1,614	2	1	..	1	..	..	..
Acushnet,	1,116	1	0	..	..	..	..	..
Total of reporting towns,	37,906	47	17	15	3	10	2	1

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 14, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 37.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

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F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending September 14, 1895.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	POPULATION. 1895.	Reported Deaths in Each.	Deaths under five years.	DEATHS FROM				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	215	103	65	31	38	7	16
Worcester,	98,687	34	21	12	..	10	..	..
Fall River,	88,020	47	31	18	4	16	..	1
Lowell,	84,359	41	23	12	3	11	1	..
Cambridge,	81,519	29	12	12	3	8	..	3
Lynn,	62,355	26	16	6	3	3	..	..
New Bedford,	55,254	15	7	6	1	3	1	..
Somerville,	52,193	..	..	..	..	..	..	..
Lawrence,	52,153	..	..	..	..	..	..	..
Springfield,	51,534	15	8	4	..	4	..	..
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	12	5	3	1	3	..	..
Brockton,	33,157	9	4	2	..	2	..	..
Chelsea,	31,295	15	6	5	..	3	..	2
Haverhill,	30,185	14	8	3	1	2	..	..
Malden,	29,706	9	7	2	..	2	..	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	12	6	4	..	..	..	..
Taunton,	27,093	9	3	..	..	..	..	..
Fitchburg,	26,394	8	6	4	2	4	..	..
Waltham,	20,877	9	3	2	2	2	..	..
Quincy,	20,712	6	3	..	..	..	..	..
Pittsfield,	20,447	3	2	2	..	1	..	..
North Adams,	19,127	..	..	..	..	..	..	..
Everett,	18,578	6	4	..	..	..	..	..
Northampton,	16,738	7	2	1	..	1	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	5	2	2	..	..	1	1
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	6	1	..	..	..	..	..
Medford,	14,480	7	3	3	..	2	..	..
Woburn,	14,176	..	..	..	..	..	..	..
Melrose,	11,966	4	3	..	..	..	..	..
Hyde Park,	11,828	4	1	2	1	2	..	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	2	1	..	2	..	..	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield,	10,659	..	..	..	..	..	..	..
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	POPULATION.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,433,661	569	291	170	54	117	10	23

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and seventy deaths were reported from the principal infectious diseases: diarrhœal diseases, 117; diphtheria and croup, 23; typhoid fever, 10; scarlet-fever, 6: cerebro-spinal meningitis, 4; erysipelas, 2; whooping-cough and puerperal fever, each 1.

No deaths were reported from small-pox, measles and malarial fever.

There were 54 deaths from consumption; acute lung diseases, 21; and still-births, 23.

From scarlet-fever: Boston, Worcester, Cambridge, Lynn, New Bedford and Pittsfield, 1 each. From cerebro-spinal meningitis: Lynn, 2; Worcester and Fall River, 1 each. From erysipelas: Boston and New Bedford, 1 each. From whooping-cough: Boston, 1. From puerperal fever, Boston, 1.

Deaths under five years of age numbered 291, as compared with 248 for the preceding week.

Deaths from the principal infectious diseases numbered 170, as compared with 161 for the preceding week.

The death rates for the week were: Boston, 22.61; Worcester, 17.81; Fall River, 27.76; Lowell, 25.27; Cambridge, 18.49; Lynn, 21.65; New Bedford, 14.15; Somerville, ——; Lawrence, ——; Springfield, 15.13; Holyoke, ——; Salem, 18.12; Brockton, 14.11; Chelsea, 24.91; Haverhill, 24.10; Malden, 15.75; Gloucester, ——; Newton, 22.58; Taunton, 17.30; Fitchburg, 15.76; Waltham, 21.41; Quincy, 15.06; Pittsfield, 7.62; North Adams, ——; Everett, 16.80; Northampton, 21.74; Chicopee, ——; Marlborough, ——; Newburyport, 21.42; Medford, 25.13; Woburn, ——.

The total death rate for the week was 20.64, against 18.69 and 17.92 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING SEPTEMBER 14, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	100.	Measles,	6.
Diphtheria and croup,	146.	Typhoid fever,	100.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Sept. 14, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 8,	30.12	66	74	57	86	87		86	N. W.	E.	4	2			O.	C.			0.00
Monday, 9,	30.18	70	82	57	61	84		72	S. W.	S. W.	3	8			C.	C.			T.
Tuesday, 10,	30.20	66	71	61	79	85		82	N. W.	S.	3	6			O.	C.			0.42
Wednes'y, 11,	29.93	74	82	66	82	87		84	W.	W.	10	12			O.	O.			0.14
Thursday, 12,	29.74	76	82	69	80	74		77	N. W.	W.	5	12			O.	C.			0.21
Friday, 13,	29.90	61	66	56	53	48		50	N.	N. W.	14	14			O.	C.			0.00
Saturday, 14,	30.14	52	57	47	50	62		56	N. W.	N. W.	14	11			C.	C.			T.
Week, - -	30.03		73	59				73											0.77

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of August: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	117	253	370	Maple Syrup, . .	1	0	1
Butter, . . .	17	0	17	Canned Goods, .	..	..	..
Cheese, . . .	..	..	..	Honey, . . .	2	0	2
Lard, . . .	..	..	..	Tea, . . .	3	0	3
Olive Oil, . . .	0	1	1	Coffee, . . .	15	3	18
Vinegar, . . .	5	4	9	Cocoa, . . .	..	..	..
Spices, . . .	151	15	166	Confectionery, .	..	..	..
Cream of Tartar, .	15	1	16	Other articles of Food and Drinks,	1	2	3
Molasses, . . .	22	1	23	Drugs, . . .	1	8	9
Syrups, . . .	..	..	..				
Maple Sugar, . .	..	..	..	Totals, . .	350	288	638

Percentage of adulteration, 45.1. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of Milk found to be adulterated was 68.4 per cent., as compared with 68.8 per cent. for the preceding month, while the percentage of other articles of food and drugs was 13.0.

Eleven complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. All of these were for violation of the statutes relative to the sale of Milk. Fines were imposed amounting to $338.60.

The samples of drugs found to be adulterated were Distilled Water, Red Wine, Tincture Iodine and Water of Ammonia.

The cities and towns from which samples of food were collected were Boston, Lowell, Cambridge, Somerville, Lawrence, Salem, Malden, Newton, Gloucester, Waltham, Everett, Marlborough, Woburn, Medford, Ashland, Ayer, Beverly, Bolton, Canton, Danvers, Dedham, Grafton, Hull, Hyde Park, Salisbury, Southboro, Stoneham, Stoughton, Wareham, Whitman and Winthrop.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 21, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 38.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending September 21, 1895.

Deaths reported to the State Board of Health in 26 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	Population. 1895.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	228	89	69	27	26	9	12
Worcester,	98,687	37	14	8	1	6	1	..
Fall River,	88,020	38	22	16	3	15	..	1
Lowell,	84,359	34	19	13	3	11	1	1
Cambridge,	81,519	29	18	12	4	9	..	3
Lynn,	62,355	23	8	5	2	3	..	2
New Bedford,	55,254	20	8	4	1	3	1	..
Somerville,	52,193	11	3	1	1	1	..	..
Lawrence,	52,153	..	..	..	..	..	..	..
Springfield,	51,534	10	4	4	1	1	..	2
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	9	2	..	..	..	..	..
Brockton,	33,157	7	2	2	..	1	..	1
Chelsea,	31,295	16	6	1	2	..	..	1
Haverhill,	30,185	8	5	..	..	..	..	..
Malden,	29,706	11	7	2	1	..	..	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	7	5	3	..	3	..	..
Taunton,	27,093	9	2	..	..	..	..	..
Fitchburg,	26,394	13	8	4	..	2	1	1
Waltham,	20,877	4	0	1	..	..	1	..
Quincy,	20,712	8	4	1	2	1	..	..
Pittsfield,	20,447	3	2	..	2	..	..	..
North Adams,	19,127	11	4	2	3	2	..	..
Everett,	18,578	..	..	..	..	..	..	..
Northampton,	16,738	5	2	..	..	..	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	..	..	..	..	..	..	..
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	9	4	1	2	..	..	..
Medford,	14,480	..	..	..	..	..	..	..
Woburn,	14,176	..	..	..	..	..	..	..
Melrose,	11,966	..	..	..	..	..	..	..
Hyde Park,	11,828	2	2	1	..	1	..	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	2	2	1	1	1	..	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield,	10,659	5	0	1	1	..	1	..
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,454,457	559	242	152	57	86	15	24

DEATHS FROM PREVALENT DISEASES IN 26 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and fifty-two deaths were reported from the principal infectious diseases: diarrhœal diseases, 86; diphtheria and croup, 24; typhoid fever, 15; scarlet-fever, 3; whooping-cough, 2; cerebro-spinal meningitis and puerperal fever, each 1.

No deaths were reported from small-pox, measles, erysipelas and malarial fever.

There were 57 deaths from consumption; acute lung diseases, 27; and still-births, 25.

From scarlet-fever: Boston, Springfield and Newburyport, 1 each. From whooping-cough: Worcester and Malden, 1 each. From cerebro-spinal meningitis: Malden, 1. From puerperal fever, Boston, 1.

Deaths under five years of age numbered 242, as compared with 291 for the preceding week.

Deaths from the principal infectious diseases numbered 152, as compared with 170 for the preceding week.

The death rates for the week were: Boston, 23.98; Worcester, 19.49; Fall River, 22.44; Lowell, 20.95; Cambridge, 19.65; Lynn, 19.15; New Bedford, 18.82; Somerville, 20.95; Lawrence, ——; Springfield, 10.09; Holyoke, ——; Salem, 13.59; Brockton, 10.97; Chelsea, 26.57; Haverhill, 13.77; Malden, 19.25; Gloucester, ——; Newton, 13.17; Taunton, 17.30; Fitchburg, 25.61; Waltham, 9.96; Quincy, 20.08; Pittsfield, 7.62; North Adams, 29.92; Everett, ——; Northampton, 15.53; Chicopee, ——; Marlborough, ——; Newburyport, 32.13; Medford, 32.31; Woburn, ——.

The total death rate for the week was 19.98, against 20.64 and 18.69 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING SEPTEMBER 21, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	107.	Measles, ...	11.
Diphtheria and croup, ...	139.	Typhoid fever, ...	93.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Sept. 21, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 15,	30.36	50	58	42	53	55		54	N.	S.	10	8			C.	C.			0.00
Monday, 16,	30.16	56	64	47	64	69		67	S. W.	S. W.	12	11			O.	O.			0.00
Tuesday, 17,	29.88	70	80	59	75	74		74	W.	W.	12	12			C.	C.			0.00
Wednes'y, 18,	29.82	56	59	54	63	91		77	N.	N. E.	3	6			R.	O.			0.07
Thursday, 19,	30.00	58	62	53	75	86		80	N.	S.	8	8			O.	C.			0.00
Friday, 20,	30.10	70	83	58	85	84		84	W.	E.	12	9			F.	C.			0.00
Saturday, 21,	30.07	77	94	60	86	58		72	N.	W.	2	11			C.	C.			0.00
Week, - -	30.06		71	53				73											0.07

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 28, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 39.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending September 28, 1895.

Deaths reported to the State Board of Health in 26 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	Population. 1895.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	275	148	84	20	52	6	13
Worcester,	98,687	32	12	9	3	2	3	4
Fall River,	88,020	48	27	21	2	17	2	..
Lowell,	84,359	43	23	14	2	13	1	..
Cambridge,	81,519	29	15	14	1	9	2	2
Lynn,	62,355	20	..	7	..	3	..	2
New Bedford,	55,254	22	10	10	..	6	..	3
Somerville,	52,193	15	10	9	1	6	..	2
Lawrence,	52,153	35	17	8	2	4	..	..
Springfield,	51,534	20	6	3	3	1	1	..
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	14	7	6	3	4	1	1
Brockton,	33,157	8	1	1	..	..	1	..
Chelsea,	31,295	12	4	1	2	..	..	..
Haverhill,	30,185	6	1	1	..	..	1	..
Malden,	29,706	8	3	2	..	..	..	1
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	12	5	3	..	2	..	1
Taunton,	27,093	8	2	..	..	..	..	..
Fitchburg,	26,394	8	5	1	..	1	..	..
Waltham,	20,877	7	0	2	1	..	2	..
Quincy,	20,712	..	..	..	..	..	..	..
Pittsfield,	20,447	4	3	2	..	2	..	..
North Adams,	19,127	7	3	4	..	1	2	1
Everett,	18,578	..	..	..	..	..	..	..
Northampton,	16,738	2	0	..	2	..	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	6	1	1	1	..	..	..
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	..	..	..	..	..	..	..
Medford,	14,480	..	..	..	..	..	..	..
Woburn,	14,176	..	..	..	..	..	..	..
Melrose,	11,966	..	..	..	..	..	..	..
Hyde Park,	11,828	5	2	3	1	1	1	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	3	0	1	2	1	..	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield,	10,659	2	0	2	..	..	..	2
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,487,603	651	305	201	46	125	23	32

DEATHS FROM PREVALENT DISEASES IN 26 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and one deaths were reported from the principal infectious diseases: diarrhœal diseases, 125; diphtheria and croup, 32; typhoid fever, 23; scarlet-fever, 9: cerebro-spinal meningitis, 8; whooping-cough, 2; erysipelas and puerperal fever, 1 each.

No deaths were reported from small-pox, measles, and malarial fever.

There were 46 deaths from consumption; acute lung diseases, 43; and still-births, 38.

From scarlet-fever: Boston, and Fall River, 2 each; Cambridge, Lynn, New Bedford, Springfield and Chelsea, 1 each. From cerebro-spinal meningitis: Lawrence, 4; Lynn, Somerville, Brookline and Hyde Park, 1 each. From whooping-cough: Boston, 2. From erysipelas, Boston, 1. From puerperal fever, Malden, 1.

Deaths under five years of age numbered 305, as compared with 242 for the preceding week.

Deaths from the principal infectious diseases numbered 201, as compared with 152 for the preceding week.

The death rates for the week were: Boston, 28.93; Worcester, 33.66; Fall River, 28.35; Lowell, 26.50; Cambridge, 17.87; Lynn, 16.66; New Bedford, 20.70; Somerville, 14.94; Lawrence, 34.89; Springfield, 20.18; Holyoke, ——; Salem, 21.14; Brockton, 12.54; Chelsea, 19.93; Haverhill, 10.33; Malden, 14.00; Gloucester, ——; Newton, 22.58; Taunton, 15.38; Fitchburg, 15.76; Waltham, 17.43; Quincy, ——; Pittsfield. 9.17; North Adams, 19.04; Everett, ——; Northampton, 6.21; Chicopee, ——; Marlborough, ——; Newburyport, —— Medford, ——; Woburn, ——.

The total death rate for the week was 22.75, against 19.98 and 20.64 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING SEPTEMBER 28, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	113.	Measles,	20.
Diphtheria and croup,	164.	Typhoid fever,	100.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Sept. 28, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 22,	30.05	82	94	71	62	63	62	W.	W.	10	7		C.	C.			0.00
Monday, 23,	29.96	84	96	72	60	65	62	W.	S. W.	7	13		C.	C.			0.00
Tuesday, 24,	30.14	67	73	61	52	55	54	N.	N. W.	18	6		F.	C.			0.00
Wednes'y, 25,	30.20	58	65	52	62	92	77	N.	S. W.	3	8		C.	O.			0.00
Thursday, 26,	29.88	72	85	60	95	85	90	S. W.	S. W.	13	14		O.	R.			0.05
Friday, 27,	29.96	68	73	62	63	76	70	W.	N. W.	12	10		O.	F.			0.14
Saturday, 28,	30.24	55	60	50	64	80	72	N.	S. E.	7	12		C.	C.			0.00
Week, - -	30.06		78	61			69										0.19

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Oct. 5, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 40.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending October 5, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	POPULATION. 1895.	Reported Deaths in Each.	Deaths under five years.	DEATHS FROM				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	220	101	48	27	22	6	13
Worcester,	98,687	40	20	15	1	13	..	1
Fall River,	88,020	43	24	20	3	18	2	..
Lowell,	84,359	39	22	10	2	7	2	1
Cambridge,	81,519	24	12	6	5	6	..	..
Lynn,	62,355	..	..	..	..	..	..	..
New Bedford,	55,254	19	6	1	3	1	..	..
Somerville,	52,193	13	5	1	1	1	..	..
Lawrence,	52,153	26	..	3	3	2	..	..
Springfield,	51,534	11	2	1	3	..	..	1
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	10	4	1	1	1	..	..
Brockton,	33,157	8	3	2	..	1	..	..
Chelsea,	31,295	5	1	..	1	..	..	..
Haverhill,	30,185	5	1	..	1	..	..	..
Malden,	29,706	10	6	2	2	2	..	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	14	5	5	..	2	..	2
Taunton,	27,093	13	3	..	1	..	..	..
Fitchburg,	26,394	10	4	3	1	1	1	1
Waltham,	20,877	5	0	..	..	..	..	..
Quincy,	20,712	6	2	1	1	..	..	..
Pittsfield,	20,447	..	..	..	..	..	..	..
North Adams,	19,127	11	4	2	..	..	2	..
Everett,	18,578	4	2	..	2	..	..	..
Northampton,	16,738	5	0	..	1	..	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	4	2	1	..	..	..	1
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	5	3	2	..	2	..	..
Medford,	14,480	7	5	5	1	4	..	1
Woburn,	14,176	..	..	..	..	..	..	..
Melrose,	11,966	0	0	..	..	..	..	..
Hyde Park,	11,828	3	2	1	..	1	..	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	4	1	1	1	1	..	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield,	10,659	2	1	..	..	..	..	..
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	POPULATION.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,474,991	566	241	131	61	85	13	21

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and thirty-one deaths were reported from the principal infectious diseases: diarrhœal diseases, 85; diphtheria and croup, 21; typhoid fever, 13; whooping-cough, 5; cerebro-spinal meningitis, 3; measles, scarlet-fever and malarial fever, each 1.

No deaths were reported from small-pox, erysipelas and puerperal fever.

There were 61 deaths from consumption; acute lung diseases, 41; and still-births, 29.

From whooping-cough: Boston, 4; Worcester, 1. From cerebro-spinal meningitis: Lawrence, Brockton and Quincy, 1 each. From measles: Boston, 1. From scarlet-fever: Boston, 1. From malarial fever: Boston, 1.

Deaths under five years of age numbered 241, as compared with 305 for the preceding week.

Deaths from the principal infectious diseases numbered 131, as compared with 201 for the preceding week.

The death rates for the week were: Boston, 23.14; Worcester, 21.08; Fall River, 25.40; Lowell, 24.03; Cambridge, 15.30; Lynn, ——; New Bedford, 17.87; Somerville, 12.75; Lawrence, 25.92; Springfield, 11.09; Holyoke, ——; Salem, 15.10; Brockton, 12.54; Chelsea, 8.30; Haverhill, 8.61; Malden, 17.50; Gloucester, ——; Newton, 26.34; Taunton, 24.99; Fitchburg, 19.70; Waltham, 12.45; Quincy, 15.06; Pittsfield. ——; North Adams, 29.92; Everett, 11.20; Northampton, 15.53; Chicopee, ——; Marlborough, ——; Newburyport, 17.85; Medford, 25.13; Woburn, ——.

The total death rate for the week was 19.95 against 22.75, and 19.98 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING OCTOBER 5, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	130.	Measles,	17.
Diphtheria and croup,	175.	Typhoid fever,	168.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Oct. 5, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, Sept. 29,	30.04	58	61	54	71	82		76	E.	S. E.	18	13			C.	O.			T.
Monday, 30,	29.74	56	64	49	83	60		72	N. W.	W.	4	16			F.	C.			0.15
Tuesday, Oct. 1,	30.24	50	57	42	60	52		56	W.	S. W.	14	9			C.	C.			0.00
Wednes'y, 2,	30.22	57	70	44	56	60		58	W.	S. W.	7	11			C.	C.			0.00
Thursday, 3,	30.17	58	70	47	68	64		66	W.	N. E.	7	4			C.	F.			0.00
Friday, 4,	30.22	53	58	48	83	81		82	N. E.	N. E.	10	10			F.	O.			0.00
Saturday, 5,	29.97	52	60	45	86	78		82	N.	N. E.	14	7			O.	C.			0.00
Week, - -	30.09		63	47				70											

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In smaller towns of Massachusetts, as reported to the State Board of Health for the month of September.

The total death rate of reporting towns was 10.2.

TOWNS.	POPULATION.	Reported Deaths in Each.	Deaths under five years of age.	DEATHS FROM				
				Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Amesbury,	9,984	3	0	1	..	..	..	1
Revere,	7,437	9	3	..	..	..	..	..
Orange,	5,357	5	1	..	..	..	..	..
Hudson,	5,306	5	2	1	1	1	..	..
Merrimac,	2,302	2	0	..	..	..	..	..
Acushnet,	1,116	3	0	..	..	..	..	..
Total of reporting towns,	31,502	27	6	2	1	1	0	1

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Oct. 12, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 41.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending October 12, 1895.

Deaths reported to the State Board of Health in 25 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	Population. 1895.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	214	87	35	27	19	5	9
Worcester,	98,687	40	16	10	5	3	3	3
Fall River,	88,020	..	..	..	..	..	..	..
Lowell,	84,359	32	8	5	5	4	1	..
Cambridge,	81,519	37	15	8	4	..	..	8
Lynn,	62,355	24	8	1	3	..	..	..
New Bedford,	55,254	20	12	3	..	2	..	1
Somerville,	52,193	9	1	4	..	..	1	2
Lawrence,	52,153	..	..	..	..	..	..	..
Springfield,	51,534	19	7	3	1	1	1	..
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	14	6	3	..	2	..	..
Brockton,	33,157	8	4	4	2	4	..	..
Chelsea,	31,295	10	3	..	2	..	..	..
Haverhill,	30,185	13	1	1	5	1	..	..
Malden,	29,706	5	4	1	..	1	..	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	9	4	2	..	2	..	..
Taunton,	27,093	9	4	..	..	..	..	..
Fitchburg,	26,394	7	3	2	1	1	..	1
Waltham,	20,877	2	0	..	1	..	..	..
Quincy,	20,712	..	..	..	..	..	..	..
Pittsfield,	20,447	..	..	..	..	..	..	..
North Adams,	19,127	10	3	2	1	1	..	1
Everett,	18,578	6	2	1	..	1	..	..
Northampton,	16,738	..	..	..	..	..	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	..	..	..	..	..	..	..
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	8	0	..	..	..	..	..
Medford,	14,480	..	..	..	..	..	..	..
Woburn,	14,176	6	2	2	..	..	..	2
Melrose,	11,966	4	1	..	1	..	..	..
Hyde Park,	11,828	3	2	..	..	..	..	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	4	0	..	1	..	..	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield,	10,659	1	0	..	..	..	..	..
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,343,260	514	193	89	59	42	11	27

DEATHS FROM PREVALENT DISEASES IN 25 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Eighty-seven deaths were reported from the principal infectious diseases: diarrhœal diseases, 42; diphtheria and croup, 27; typhoid fever, 11; whooping-cough, 3; scarlet-fever and puerperal fever, 2 each.

No deaths were reported from small-pox, measles, erysipelas and malarial fever.

There were 59 deaths from consumption; acute lung diseases, 36; and still-births, 28.

From whooping-cough: Boston, Worcester and Springfield, 1 each. From scarlet-fever: Lynn and Salem, 1 each. From puerperal fever: Boston and Somerville, 1 each.

Deaths under five years of age numbered 189, as compared with 241 for the preceding week.

Deaths from the principal infectious diseases numbered 83, as compared with 131 for the preceding week.

The death rates for the week were: Boston, 22.51; Worcester, 21.08; Fall River, ——; Lowell, 19.72; Cambridge, 23.60; Lynn, 19.99; New Bedford, 18.82; Somerville, 8.96; Lawrence, ——; Springfield, 19.17; Holyoke, ——; Salem, 21.14; Brockton, 12.54; Chelsea, 16.61; Haverhill, 22.38; Malden, 8.75; Gloucester, ——; Newton, 16.93; Taunton, 17.30; Fitchburg, 13.79; Waltham, 4.98; Quincy, ——; Pittsfield. ——; North Adams, 27.20; Everett, 16.80; Northampton, ——; Chicopee, ——; Marlborough, ——; Newburyport, 28.56; Medford, ——; Woburn, 21.00.

The total death rate for the week was 19.90 against 19.95, and 22.75 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING OCTOBER 12, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	120.	Measles.	10.
Diphtheria and croup,	184.	Typhoid fever,	109.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Oct. 12, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 6,	29.76	54	64	45	81	61	71	N.	W.	13	8		C.	C.			0.00
Monday, 7,	29.70	57	68	46	76	73	74	W.	S. W.	2	10		F.	O.			T.
Tuesday, 8,	29.70	56	64	49	88	74	81	S.	N. W.	6	15		O.	C.			0.31
Wednes'y, 9,	30.06	44	49	38	77	65	71	N. W.	N.	12	12		C.	O.			0.00
Thursday, 10,	30.35	44	52	35	80	58	69	N. W.	N. W.	12	4		C.	C.			0.00
Friday, 11,	30.34	48	59	38	69	46	58	S.	S.	10	9		O	F.			0.00
Saturday, 12,	29.96	58	67	50	83	94	88	S.	E.	12	16		O.	R.			0.37
Week, - -	29.98		60	43			73										0.68

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of September: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	122	287	409	Maple Syrup, . .	..	..	..
Butter, . . .	32	0	32	Canned Goods, .	..	..	..
Cheese, . . .	..	..	..	Honey, . . .	5	0	5
Lard, . . .	..	..	..	Tea, . . .	9	0	9
Olive Oil, . . .	8	2	10	Coffee, . . .	7	0	7
Vinegar, . . .	9	11	20	Cocoa, . . .	..	..	..
Spices, . . .	83	6	89	Confectionery, .	3	0	3
Cream of Tartar, .	52	3	55	Other articles of Food and Drinks,	3	1	4
Molasses, . . .	35	3	38	Drugs, . . .	20	33	53
Syrups, . . .	..	..	..				
Maple Sugar, . .	..	..	..	Totals, . .	388	346	734

Percentage of adulteration, 47.1. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of Milk found to be adulterated was 70.5 per cent., as compared with 68.4 per cent. for the preceding month, while the percentage of other articles of food and drugs was 18.1.

Four complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. All of these were for violation of the statutes relative to the sale of Milk. Fines were imposed amounting to $114.40.

The samples of drugs found to be adulterated were Distilled Water, Extract of Liquorice, Red Wine, Subnitrate of Bismuth, Tincture of Iodine and White Wine

Cities and towns from which samples of food were collected were Boston, Worcester, Lowell, Cambridge, Somerville, Chelsea, Malden, Gloucester, Newton, Waltham, Quincy, Pittsfield, Everett, Medford, Woburn, Athol, Brookline, Boylston, Dedham, Grafton, Hull, Milton, Northborough, Provincetown, Revere, Royalston and Westborough.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending October 19, 1895.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

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The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	Population. 1895.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	206	60	32	19	10	7	11
Worcester,	98,687	30	8	3	4	1	..	2
Fall River,	88,020	35	18	9	4	6	2	1
Lowell,	84,359	44	16	7	5	4	1	2
Cambridge,	81,519	25	11	3	2	2	..	1
Lynn,	62,355	16	8	2	3	1	..	1
New Bedford,	55,254	20	7	3	1	..	..	3
Somerville,	52,193	..	..	..	..	..	..	..
Lawrence,	52,153	..	..	..	..	..	..	..
Springfield,	51,534	14	5	2	2	1	..	..
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	11	4	..	1	..	..	..
Brockton,	33,157	3	1	..	1	..	..	..
Chelsea,	31,295	10	2	..	1	..	..	..
Haverhill,	30,185	11	4	2	2	1	..	1
Malden,	29,706	11	4	2	1	1	1	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	13	3	1	2	..	..	1
Taunton,	27,093	11	1	1	..	..	..	1
Fitchburg,	26,394	14	4	..	1	..	..	..
Waltham,	20,877	7	4	1	2	1	..	..
Quincy,	20,712	19	3	2	1	..	..	1
Pittsfield,	20,447	5	1	..	..	..	..	..
North Adams,	19,127	5	3	1	..	..	..	1
Everett,	18,578	6	2	1	..	..	..	1
Northampton,	16,738	4	1	..	..	..	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	6	4	2	..	..	..	2
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	2	0	..	..	..	..	..
Medford,	14,480	6	2	3	..	3	..	..
Woburn,	14,176	2	0	..	..	..	..	..
Melrose,	11,966	1	0	..	..	..	..	..
Hyde Park,	11,828	1	0	..	..	..	..	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	5	3	2	2	2	..	..
Weymouth,	11,285	3	0	1	..	..	1	..
Westfield,	10,659	..	..	..	..	..	..	..
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,478,249	546	177	80	54	33	12	29

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Eighty deaths were reported from the principal infectious diseases: diarrhœal diseases, 33; diphtheria and croup, 29; typhoid fever, 12; scarlet-fever, 3; whooping-cough, 2; malarial fever, 1.

No deaths were reported from small-pox, measles, cerebro-spinal meningitis, erysipelas and puerperal fever.

There were 54 deaths from consumption; acute lung diseases, 52; and still-births, 30.

From scarlet-fever: Boston, Springfield and Quincy, 1 each. From whooping-cough: Boston, 2. From malarial fever: Boston, 1.

Deaths under five years of age numbered 177, as compared with 193 for the previous week.

Deaths from the principal infectious diseases numbered 80, as compared with 87 for the previous week.

The death rates for the week were: Boston, 21.67; Worcester, 15.81; Fall River, 20.67; Lowell, 27.12; Cambridge, 15.94; Lynn, 13.32; New Bedford, 18.82; Somerville, ——; Lawrence, ——; Springfield, 14.12; Holyoke, ——; Salem, 16.61; Brockton, 4.70; Chelsea, 16.61; Haverhill, 18.94; Malden, 19.25; Gloucester, ——; Newton, 24.46; Taunton, 21.15; Fitchburg, 26.58; Waltham, 17.43; Quincy, 15.06; Pittsfield. 12.71; North Adams, 13.60; Everett, 16.80; Northampton, 12.42; Chicopee, ——; Marlborough, ——; Newburyport, 7.14; Medford, 21.54; Woburn, 7.33.

The total death rate for the week was 19.20 against 19.90, and 19.95 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING OCTOBER 19, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	125.	Measles.	14.
Diphtheria and croup,	201.	Typhoid fever,	112.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Oct. 19, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 13,	29.50	54	56	53	100	100	100	N. E.	N.	36	24	R.	R.		4.85
Monday, 14,	29.85	55	62	48	73	66	70	N. W.	N. W.	23	17	C.	C.		0.42
Tuesday, 15,	30.09	46	52	39	72	85	78	N. W.	N. W.	8	3	O.	R.		0.07
Wednes'y, 16,	29.92	44	53	36	88	90	89	N. W.	S. E.	4	5	O	F.		0.01
Thursday, 17,	29.72	52	56	47	77	62	70	N. W.	W.	18	14	C.	C.		0.00
Friday, 18,	30.16	44	54	35	52	52	52	N. W.	S. W.	15	10	C.	C.		0.00
Saturday, 19,	29.80	46	68	45	76	78	77	S. W.	S. W.	17	23	C.	C.		0.00
Week, - -	29.86		59	43			76								5.35

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Oct. 26, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 43.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending October 26, 1895.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	POPULATION. 1895.	Reported Deaths in Each.	Deaths under five years.	DEATHS FROM Principal Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	220	82	39	31	15	5	16
Worcester,	98,687	21	9	5	4	1	1	1
Fall River,	88,020	34	15	7	3	5	..	2
Lowell,	84,359	26	11	5	1	2	1	2
Cambridge,	81,519	21	9	3	3	..	..	3
Lynn,	62,355	21	7	4	1	..	1	1
New Bedford,	55,254	12	3	1	6	..	..	..
Somerville,	52,193	14	3	4	2	1	2	..
Lawrence,	52,153	17	12	2	3	2	..	..
Springfield,	51,534	14	6	4	..	1	..	2
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	13	..	1	1	..	..	..
Brockton,	33,157	7	3	1	1	..	..	1
Chelsea,	31,295	8	4	2	1	..	..	2
Haverhill,	30,185	6	1	1	..	..	..	..
Malden,	29,706	10	2	1	..	1	..	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	5	4	..	3	..	..	..
Taunton,	27,093	10	2	..	..	..	..	..
Fitchburg,	26,394	12	2	..	..	..	..	..
Waltham,	20,877	10	2	2	2	..	1	..
Quincy,	20,712	5	1	..	..	..	..	..
Pittsfield,	20,447	..	..	..	..	..	..	..
North Adams,	19,127	6	3	1	..	..	..	..
Everett,	18,578	3	1	..	..	..	..	..
Northampton,	16,738	..	..	..	..	..	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	4	0	1	..	..	..	1
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	7	1	..	..	..	..	..
Medford,	14,480	..	..	..	..	..	..	..
Woburn,	14,176	..	..	..	..	..	..	..
Melrose,	11,966	5	0	1	..	..	..	1
Hyde Park,	11,828	4	1	..	..	..	..	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	3	1	1	..	..	..	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield,	10,659	5	1	1	..	..	..	1
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	POPULATION.	Deaths.	Deaths under five.	Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,516,128	523	176	87	62	28	11	33

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Eighty-seven deaths were reported from the principal infectious diseases: diphtheria and croup, 33; diarrhœal diseases, 28; typhoid fever, 11; scarlet-fever, 5; cerebro-spinal meningitis, 5; whooping-cough, 2; erysipelas, 1; malarial fever, 1.

No deaths were reported from small-pox, measles and puerperal fever.

There were 62 deaths from acute lung diseases; consumption, 57; and still-births, 29.

From scarlet-fever: Boston, 3; Lynn and North Adams, 1 each. From cerebro-spinal meningitis, Worcester, 2; Lynn, Somerville and Clinton, 1 each. From whooping-cough: Salem and Waltham, 1 each. From erysipelas, Springfield, 1. From malarial fever: Haverhill, 1.

Deaths under five years of age numbered 176, as compared with 177 for the preceding week.

Deaths from the principal infectious diseases numbered 87, as compared with 80 for the preceding week.

The death rates for the week were: Boston, 23.14; Worcester, 11.06; Fall River, 21.08; Lowell, 16.02; Cambridge, 13.39; Lynn, 17.49; New Bedford, 11.29; Somerville, 13.94; Lawrence, 16.94; Springfield, 13.11; Holyoke, ——; Salem, 19.63; Brockton, 10.97; Chelsea, 13.28; Haverhill, 10.33; Malden, 17.50; Gloucester, ——; Newton, 9.41; Taunton, 19.23; Fitchburg, 23.64; Waltham, 24.90; Quincy, 12.55; Pittsfield. ——; North Adams, 16.32; Everett, 8.40; Northampton, ——; Chicopee, ——; Marlborough, ——; Newburyport, 24.99; Medford, ——; Woburn, ——; Beverly, ——.

The total death rate for the week was 17.93 against 19.20, and 19.90 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING OCTOBER 26, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	122.	Measles.	15.
Diphtheria and croup,	196.	Typhoid fever,	77.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Oct. 26, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 20,	29.90	44	50	39	58	56		57	N. W.	W.	16	6			C.	C.			0.00
Monday, 21,	30.08	41	48	34	72	60		66	W.	N. W.	6	8			O	C.			0.00
Tuesday, 22,	30.17	46	57	34	52	74		63	S. W.	S.	4	11			C.	C.			0.00
Wednes'y, 23,	30.07	53	59	47	75	58		66	W.	N. W.	11	9			F.	C.			0.00
Thursday, 24,	30.16	43	52	34	67	59		63	W.	S. W.	9	7			C.	C.			0.00
Friday, 25,	29.84	52	61	42	69	56		62	S. W.	N. W.	16	14			O.	C.			0.00
Saturday, 26,	30.03	42	50	33	68	70		69	N. W.	S.	8	6			O.	C.			0.00
Week, -	30.03		54	38				64											0.00

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 2, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 44.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending November 2, 1895.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	POPULATION. 1895.	Reported Deaths in Each.	Deaths under five years.	DEATHS FROM Principal Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	195	60	19	34	1	6	10
Worcester,	98,687	36	13	9	4	2	..	5
Fall River,	88,020	32	10	11	4	4	..	6
Lowell,	84,359	30	11	3	4	1	..	1
Cambridge,	81,519	26	11	3	4	2	..	1
Lynn,	62,355	19	5	6	..	1	2	1
New Bedford,	55,254	22	4	3	1	..	..	3
Somerville,	52,193	12	3	4	4	..	1	1
Lawrence,	52,153	14	8	2	1	1	..	..
Springfield,	51,534	20	2	1	1	1	..	..
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	12	1	1	2	..	1	..
Brockton,	33,157	..	..	..	..	..	..	..
Chelsea,	31,295	11	4	5	1	..	..	3
Haverhill,	30,185	6	2	1	..	..	1	..
Malden,	29,706	7	1	..	..	..	..	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	8	4	2	..	..	1	1
Taunton,	27,093	8	0	1	1	..	..	1
Fitchburg,	26,394	5	2	1	..	..	..	1
Waltham,	20,877	7	0	1	2	..	1	..
Quincy,	20,712	2	2	..	..	..	..	..
Pittsfield,	20,447	4	2	..	2	..	..	..
North Adams,	19,127	8	0	3	..	..	1	1
Everett,	18,578	..	..	..	..	..	..	..
Northampton,	16,738	3	1	..	..	..	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	2	0	1	..	..	..	1
Marlborough,	14,989	..	..	..	..	..	..	..
Newburyport,	14,554	5	0	..	..	..	..	..
Medford,	14,480	..	..	..	..	..	..	..
Woburn,	14,176	..	..	..	..	..	..	..
Melrose,	11,966	2	1	..	..	..	..	..
Hyde Park,	11,828	..	..	..	..	..	..	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	4	0	..	..	..	..	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield.	10,659	3	0	..	..	..	..	..
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	POPULATION.	Deaths.	Deaths under five.	Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,489,750	503	147	77	65	13	14	36

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Seventy-seven deaths were reported from the principal infectious diseases: diphtheria and croup, 36; typhoid fever, 14; diarrhœal diseases, 13; cerebro-spinal meningitis, 8; scarlet-fever, 2; measles, erysipelas, malarial fever and puerperal fever, 1 each.

No deaths were reported from small-pox and whooping-cough.

There were 65 deaths from acute lung diseases; consumption, 65; and still-births, 23.

From cerebro-spinal meningitis: Somerville and Chelsea, 2 each; Worcester, Lynn, Lawrence and North Adams, 1 each. From scarlet-fever: Boston and Lynn, 1 each. From measles: Boston, 1. From erysipelas: Worcester, 1. From malarial fever: Lowell, 1. From puerperal fever: Fall River, 1.

Deaths under five years of age numbered 147, as compared with 176 for the preceding week.

Deaths from the principal infectious diseases numbered 77, as compared with 87 for the preceding week.

The death rates for the week were: Boston, 20.51; Worcester, 18.97; Fall River, 18.90; Lowell, 17.72; Cambridge, 16.58; Lynn, 15.82; New Bedford, 20.70; Somerville, 11.95; Lawrence, 13.95; Springfield, 20.18; Holyoke, ——; Salem, 18.12; Brockton, ——; Chelsea, 18.27; Haverhill, 10.33; Malden, 12.25; Gloucester, ——; Newton, 15.05; Taunton, 15.38; Fitchburg, 9.85; Waltham, 17.43; Quincy, 5.02; Pittsfield. 10.16; North Adams, 21.76; Everett, ——; Northampton, 9.32; Chicopee, ——; Marlborough, ——; Newburyport, 17.85; Medford, ——; Woburn, ——.

The total death rate for the week was 17.55, against 17.93 and 19.20 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING NOVEMBER 2, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	155.	Measles.	43.
Diphtheria and croup,	232.	Typhoid fever,	80.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Nov. 2, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, Oct. 27,	29.92	54	67	42	84	76	80	S. W.	S.		18	15		F.	F.			0.00
Monday, 28,	29.90	58	70	46	89	36	62	S. W.	W.		13	19		F.	C.			0.01
Tuesday, 29,	30.21	43	50	36	52	44	48	W.	N.		9	6		C.	O.			0.00
Wednes'y, 30,	30.52	40	45	34	57	38	48	N. W.	N. E.		11	8		C.	C.			0.00
Thursday, 31,	30.43	39	46	32	66	89	78	N.	E.		3	21		S.	R.			0.15
Friday, Nov. 1,	29.88	48	54	42	92	58	75	W.	N. W.		16	14		O.	C.			2.67
Saturday, 2,	30.19	40	44	35	65	95	80	N.	N.		12	14		O.	R.			0.51
Week, - -	30.35		54	38			67											3.34

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In 5 smaller towns of Massachusetts, as reported to the State Board of Health for the month of October.

The total death rate of reporting towns was 9.08.

TOWNS.	POPULATION.	Reported Deaths in Each.	Deaths under five years of age.	DEATHS FROM				
				Infectious Diseases.	Consumption.	Diphtheria and Croup.	Erysipelas.	Diarrhœal Diseases.
Amesbury,	9,984	7	2	3	3	2	..	1
Revere,	7,437	7	2	..	1	..	..	..
Orange,	5,357	2	1	..	..	..	..	..
Hudson,	5,306	6	1	1	2	1	..	..
Merrimac,	2,302	1	0	1	..	..	1	..
Total of reporting towns,	30,386	23	6	5	6	3	1	1

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 9, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 45.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
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CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending November 9, 1895.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	Population. 1895.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	195	48	29	30	5	4	20
Worcester,	98,687	30	8	3	6	1	..	1
Fall River,	88,020	25	8	5	5	4	..	1
Lowell,	84,359	47	19	3	6	..	..	1
Cambridge,	81,519	28	8	8	3	2	..	6
Lynn,	62,355	17	1	4	3	..	..	3
New Bedford,	55,254	24	15	2	2	..	..	2
Somerville,	52,193	18	5	3	4	..	..	3
Lawrence,	52,153	14	..	2	2	1	..	..
Springfield,	51,534	13	2	..	1	..	..	..
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	16	8	2	3	..	1	1
Brockton,	33,157	14	7	2	..	1	1	..
Chelsea,	31,295	19	10	8	..	..	..	6
Haverhill,	30,185	9	4	..	2	..	..	..
Malden,	29,706	11	1	1	..	..	1	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	8	3	1	1	..	..	1
Taunton,	27,093	4	1	..	..	..	..	..
Fitchburg,	26,394	10	5	..	3	..	..	..
Waltham,	20,877	6	3	..	1	..	..	..
Quincy,	20,712	6	1	3	..	..	2	1
Pittsfield,	20,447	3	0	..	1	..	..	..
North Adams,	19,127	5	1	1	..	..	1	..
Everett,	18,578	4	0	2	1	..	1	1
Northampton,	16,738	5	1	..	1	..	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	..	..	..	..	..	..	..
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	..	..	..	..	..	..	..
Medford,	14,480	3	0	..	..	..	..	..
Woburn,	14,176	6	2	1	..	..	..	1
Melrose,	11,966	4	2	1	..	..	..	1
Hyde Park,	11,828	3	0	..	..	..	..	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	4	0	1	..	..	1	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield,	10,659	3	1	..	1	..	..	..
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,591,405	554	164	82	76	14	12	49

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Eighty-two deaths were reported from the principal infectious diseases: diphtheria and croup, 49; diarrhœal diseases, 14; typhoid fever, 12; cerebro-spinal meningitis, 3; whooping-cough, 3; scarlet-fever, 1.

No deaths were reported from small-pox, measles, erysipelas, puerperal fever and malarial fever.

There were 76 deaths from acute lung diseases; consumption, 63; and still-births, 33.

From cerebro-spinal meningitis: Worcester, Lawrence, and Chelsea, 1 each. From whooping-cough; Fall River, 2; Chelsea, 1; From scarlet-fever: Lynn, 1.

Deaths under five years of age numbered 164, as compared with 147 for the preceding week.

Deaths from the principal infectious diseases numbered 82, as compared with 77 for the preceding week.

The death rates for the week were: Boston, 20.51; Worcester, 15.81; Fall River, 14.75; Lowell, 28.97; Cambridge, 17.86; Lynn, 14.16; New Bedford, 22.58; Somerville, 17.93; Lawrence, 13.95; Springfield, 13.11: Holyoke, ——; Salem, 24.16; Brockton, 21.95; Chelsea, 31.45; Haverhill, 15.49; Malden, 19.25; Gloucester, ——; Newton, 15.05; Taunton, 7.69; Fitchburg, 19.70; Waltham, 14.94; Quincy, 15.06; Pittsfield. 7.62; North Adams, 18.60; Everett, 11.20; Northampton, 15.53; Chicopee, ——; Marlborough, 21.90; Newburyport, ——; Medford, 10.77; Woburn, ——.

The total death rate for the week was 18.10, against 17.55 and 17.93 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING NOVEMBER 9, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	108.	Measles,	19.
Diphtheria and croup,	323.	Typhoid fever,	84.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Nov. 9, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 3,	30.38	40	48	33	82	63	72	N. W.	W.	5	6		O.	C.			0.11
Monday, 4,	30.65	42	49	36	77	80	78	N. W.	S.	6	9		O.	C.			0.00
Tuesday, 5,	30.56	50	63	38	85	87	86	W.	S. W.	9	15		O.	C			0.00
Wednes'y, 6,	29.40	58	69	48	86	75	80	W.	S. W.	13	10		C.	C.			0.00
Thursday, 7,	30.26	62	73	51	93	78	86	S. W.	S. W.	12	17		O.	C.			0.00
Friday, 8,	30.02	64	72	57	93	92	92	W.	S. W.	14	10		O.	O.			T.
Saturday, 9,	29.88	56	66	47	90	96	93	S.	N.	5	6		O.	R.			0.07
Week, - -	30.17		63	44			84										0.11

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of October: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	274	226	500	Maple Syrup, . .	2	0	2
Butter, . . .	20	0	20	Canned Goods, .	..	..	..
Cheese, . . .	4	0	4	Honey, . . .	6	0	6
Lard, . . .	..	..	..	Tea, . . .	16	0	16
Olive Oil, . . .	2	2	4	Coffee, . . .	17	3	20
Vinegar, . . .	4	1	5	Cocoa, . . .	..	..	..
Spices, . . .	134	12	146	Confectionery, .	12	0	12
Cream of Tartar, .	31	0	31	Other articles of Food and Drinks,	24	2	26
Molasses, ...	19	0	19	Drugs, . . .	36	45	81
Syrups, . . .	..	..	..				
Maple Sugar, . .	..	..	..				
				Totals, . .	601	291	892

Percentage of adulteration, 32.6. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of Milk found to be adulterated was 45.2 per cent., as compared with 70.5 per cent. for the preceding month, while the percentage of other articles of food and drugs was 16.6.

Eight complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. All of these were for violation of the statutes relative to the sale of Milk. Fines were imposed amounting to $187.40.

The samples of drugs found to be adulterated were Chloroform, Distilled Water, Ether, Extract of Liquorice, Powdered Opium, Spirit of Nitrous Ether, Subnitrate of Bismuth, Tincture of Iodine, Tincture of Opium and Whiskey.

Cities and towns from which samples of food were collected were Boston, Worcester, Lowell, Cambridge, Somerville, Lawrence, Salem, Brockton, Chelsea, Haverhill, Malden, Newton, Taunton, Fitchburg, Waltham, Everett, Newburyport, Medford, Woburn, Beverly, Brookline, Clinton, Danvers, Dedham, Gardner, Hyde Park, Lexington, Marblehead, Milford, Peabody, Plymouth, Southborough, Sterling, Stoneham, Stoughton, Watertown, Westborough and Westford.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 16, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 46.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending November 16, 1895.

Deaths reported to the State Board of Health in 31 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	POPULATION, 1895.	Reported Deaths in Each.	Deaths under five years.	DEATHS FROM				
				Principal Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	191	55	28	30	3	3	16
Worcester,	98,687	24	3	2	1	..	..	1
Fall River,	88,020	22	10	7	3	3	1	2
Lowell,	84,359	26	9	3	6	1	1	1
Cambridge,	81,519	24	7	5	5	..	1	4
Lynn,	62,355	19	2	2	2	..	..	2
New Bedford,	55,254	18	8	1	3	..	..	1
Somerville,	52,193	10	2	6	1	..	1	5
Lawrence,	52,153	19	5	2	2	..	..	2
Springfield,	51,534	8	1	..	1	..	..	..
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	17	2	..	2	..	..	..
Brockton,	33,157	5	1	..	1	..	..	..
Chelsea,	31,295	12	..	1	..	..	..	1
Haverhill,	30,185	6	3	1	..	..	..	..
Malden,	29,706	9	3	2	..	..	1	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	10	4	..	..	..	..	..
Taunton,	27,093	7	1	..	..	..	..	..
Fitchburg,	26,394	5	1	..	2	..	..	..
Waltham,	20,877	10	..	2	1	..	2	..
Quincy,	20,712	9	3	4	..	..	..	3
Pittsfield,	20,447	6	1	..	..	..	..	..
North Adams,	19,127	9	1	3	1	..	1	2
Everett,	18,578	6	2	..	2	..	..	..
Northampton,	16,738	3	1	1	..	..	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	6	2	2	..	..	..	1
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	1	0	..	..	..	..	..
Medford,	14,480	2	0	..	..	..	..	..
Woburn,	14,176	3	2	..	..	..	..	..
Melrose,	11,966	4	0	..	1	..	..	..
Hyde Park,	11,828	..	..	..	..	..	..	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	3	0	..	..	..	..	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield,	10,659	1	0	..	1	..	..	..
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	POPULATION.	Deaths.	Deaths under five.	Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,570,141	495	129	72	65	7	11	41

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Seventy-two deaths were reported from the principal infectious diseases: diphtheria and croup, 41; typhoid fever, 11; diarrhœal diseases, 7; cerebro-spinal meningitis, 4; scarlet-fever, 3; whooping-cough, 1.

No deaths were reported from small-pox, measles, erysipelas, malarial fever and puerperal fever.

There were 65 deaths from acute lung diseases; consumption, 60; and still-births, 29.

From cerebro-spinal meningitis: Boston, Worcester, Quincy and Brookline, 1 each. From scarlet-fever: Boston, Haverhill and Malden, 1 each. From whooping-cough: Northampton, 1.

Deaths under five years of age numbered 129, as compared with 164 for the preceding week.

Deaths from the principal infectious diseases numbered 72, as compared with 82 for the preceding week.

The death rates for the week were: Boston, 20.09; Worcester, 12.64; Fall River, 12.99; Lowell, 16.02; Cambridge, 15.30; Lynn, 15.82; New Bedford, 18.93; Somerville, 9.96; Lawrence, 18.94; Springfield, 8.07; Holyoke, ——; Salem, 25.67; Brockton, 7.84; Chelsea, 19.93; Haverhill, 10.33; Malden, 10.75; Gloucester, ——; Newton, 18.82; Taunton, 13.46; Fitchburg, 9.85; Waltham, 24.90; Quincy, 22.50; Pittsfield. 15.24; North Adams, 24.48; Everett, 16.80; Northampton, 9.32; Chicopee, ——; Marlborough, ——; Newburyport, ——; Medford, 7.18; Woburn, 11.00.

The total death rate for the week was 16.39, against 18.10 and 17.55 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING NOVEMBER 16, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	102.	Measles.	36.
Diphtheria and croup,	263.	Typhoid fever,	72.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Nov. 16, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 10,	29.95	44	50	38	94	87	90	W.	N.	10	16		C.	O.			0.05
Monday, 11,	30.34	38	41	34	85	82	84	N. W.	N.	9	5		C.	C.			0.00
Tuesday, 12,	30.39	33	40	26	91	81	86	N. W.	N.	5	5		C.	C.			0.00
Wednes'y, 13,	30.44	38	43	33	86	76	81	N.	N. E.	12	20		C.	O.			0.00
Thursday, 14,	30.36	45	48	42	94	86	90	E.	E.	19	15		C.	R.			0.03
Friday, 15,	29.85	48	51	46	100	93	96	N. E.	W.	13	16		R.	C.			1.41
Saturday, 16,	30.04	46	51	41	90	64	77	W.	S. W.	9	9		C.	C.			0.00
Week, - -	30.19		40	37													

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 23, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 47.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending November 23, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	Population. 1895.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	211	62	28	32	..	2	23
Worcester,	98,687	26	12	5	5	1	1	..
Fall River,	88,020	39	18	4	6	2	1	..
Lowell,	84,359	30	13	2	4	1	..	1
Cambridge,	81,519	20	5	2	5	..	..	2
Lynn,	62,355	23	6	3	2	..	..	2
New Bedford,	55,254	16	5	2	2	2	..	..
Somerville,	52,193	17	5	3	5	1	..	1
Lawrence,	52,153	10	2	1	..	..	..	1
Springfield,	51,534	10	3	2	1	1	..	1
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	9	3	1	2	1	..	..
Brockton,	33,157	8	1	..	..	..	..	..
Chelsea,	31,295	15	4	3	..	..	..	2
Haverhill,	30,185	4	0	..	1	..	..	..
Malden,	29,706	8	1	1	1	1	..	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	8	2	1	1	..	..	1
Taunton,	27,093	3	1	..	..	..	..	..
Fitchburg,	26,394	3	0	1	..	..	..	..
Waltham,	20,877	6	1	..	2	..	..	..
Quincy,	20,712	..	..	..	..	..	..	..
Pittsfield,	20,447	4	1	..	..	..	..	..
North Adams,	19,127	3	1	..	..	..	..	..
Everett,	18,578	..	..	..	..	..	..	..
Northampton,	16,738	2	1	..	..	..	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	6	1	1	..	1	..	..
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	5	0	..	2	..	..	..
Medford,	14,480	1	1	..	..	..	..	..
Woburn,	14,176	..	..	..	..	..	..	..
Melrose,	11,966	1	0	1	..	..	1	..
Hyde Park,	11,828	3	1	..	..	..	..	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	3	1	..	1	..	..	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield,	10,659	5	0	1	1	..	..	1
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,488,503	499	151	62	73	11	5	35

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-two deaths were reported from the principal infectious diseases: diphtheria and croup, 35; diarrhœal diseases, 11; typhoid fever, 5; cerebro-spinal meningitis, 5; scarlet-fever, 3; whooping-cough, 2; erysipelas, 1.

No deaths were reported from small-pox, measles, puerperal fever and malarial fever.

There were 73 deaths from acute lung diseases; consumption, 54; and still-births, 31.

From cerebro-spinal meningitis: Worcester, 2; Boston, Somerville and Chelsea, 1 each. From scarlet-fever: Boston, Fall River and Lynn, 1 each. From whooping-cough: Boston and Worcester, 1 each. From erysipelas: Fitchburg, 1.

Deaths under five years of age numbered 151, as compared with 129 for the preceding week.

Deaths from the principal infectious diseases numbered 62, as compared with 72 for the preceding week.

The death rates for the week were: Boston, 22.19; Worcester, 13.70; Fall River, 23.03; Lowell, 18.49; Cambridge, 12.75; Lynn, 19.15; New Bedford, 15.04; Somerville, 16.93; Lawrence, 9.97; Springfield, 10.09; Holyoke, ——; Salem, 13.95; Brockton, 12.54; Chelsea, 24.91; Haverhill, 8.28; Malden, 14.00; Gloucester, ——; Newton, 15.05; Taunton, 5.76; Fitchburg, 5.91; Waltham, 14.94; Quincy, ——; Pittsfield. 10.16; North Adams, 8.16; Everett, ——; Northampton, 6.21; Chicopee, ——; Marlborough, ——; Newburyport, 17.85; Medford, 3.59; Woburn, ——.

The total death rate for the week was 17.43, against 16.39 and 18.10 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING NOVEMBER 23, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	100.	Measles,	49.
Diphtheria and croup,	293.	Typhoid fever,	50.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Nov. 23, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 17,	29.94	44	47	40	85	100	92	S. E.	N.	3	8			O.	R.			0.58
Monday, 18,	29.95	50	58	41	85	61	73	W.	W.	13	4			C.	O.			0.16
Tuesday, 19,	29.88	54	63	46	86	91	88	S. W.	S. E.	8	6			C.	F.			0.00
Wednes'y, 20,	29.26	55	61	49	94	100	97	S.	W.	8	10			O.	O.			0.98
Thursday, 21,	29.79	28	32	25	82	68	75	W.	W.	25	17			C.	C.			0.19
Friday, 22,	30.58	28	36	21	73	73	73	W.	E.	7	5			C.	O.			0.00
Saturday, 23,	30.31	42	57	28	90	70	80	N. W.	S. W.	5	21			O.	R.			T.
Week, - -	29.96		51	36			83											1.91

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 30, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 48.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending November 30, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	Population. 1895.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	201	60	23	30	1	2	18
Worcester,	98,687	31	9	5	5	1	..	4
Fall River,	88,020	29	12	7	2	5	1	1
Lowell,	84,359	29	6	2	2	..	..	2
Cambridge,	81,519	30	5	7	..	..	1	6
Lynn,	62,355	21	4	1	3	1	..	..
New Bedford,	55,254	20	5	3	3	1	1	1
Somerville,	52,193	12	2	..	4	..	..	..
Lawrence,	52,153	15	7	3	..	..	1	1
Springfield,	51,534	13	1	1	2	..	1	..
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	11	2	1	1	..	..	1
Brockton,	33,157	..	..	..	..	..	..	..
Chelsea,	31,295	10	2	..	2	..	..	..
Haverhill,	30,185	4	..	1	..	..	..	..
Malden,	29,706	9	1	2	..	1	1	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	7	1	..	..	..	..	..
Taunton,	27,093	12	4	4	..	..	..	4
Fitchburg,	26,394	..	..	..	..	..	..	..
Waltham,	20,877	10	4	..	1	..	..	..
Quincy,	20,712	5	0	..	1	..	..	..
Pittsfield,	20,447	3	1	1	..	..	1	..
North Adams,	19,127	8	3	..	2	..	..	..
Everett,	18,578	6	1	1	..	..	..	1
Northampton,	16,738	2	1	..	..	..	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	4	0	..	..	..	..	..
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	5	1	..	..	..	..	..
Medford,	14,480	4	2	2	2	2	..	..
Woburn,	14,176	..	..	..	..	..	..	..
Melrose,	11,966	1	0	..	..	..	..	..
Hyde Park,	11,828	3	1	..	..	..	..	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	2	0	..	..	..	..	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield.	10,659	4	1	..	..	..	..	..
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,508,242	511	136	64	60	12	9	39

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-four deaths were reported from the principal infectious diseases: diphtheria and croup, 39; diarrhœal diseases, 12; typhoid fever, 9; scarlet-fever and cerebro-spinal meningitis, each 2.

No deaths were reported from small-pox, measles, whooping-cough, erysipelas, puerperal fever and malarial fever.

There were 60 deaths from acute lung diseases; consumption, 49; and still-births, 33.

From scarlet-fever: Boston, 2. From cerebro-spinal meningitis: Lawrence and Haverhill, 1 each.

Deaths under five years of age numbered 136, as compared with 151 for the preceding week.

Deaths from the principal infectious diseases numbered 64, as compared with 62 for the preceding week.

The death rates for the week were: Boston, 21.14; Worcester, 16.33; Fall River, 15.22; Lowell, 17.13; Cambridge, 19.13; Lynn, 17.49; New Bedford, 28.23; Somerville, 11.95; Lawrence, 14.95; Springfield, 13.11; Holyoke, ——; Salem, 16.61; Brockton, ——; Chelsea, 16.61; Haverhill, 6.88; Malden, 15.75; Gloucester, ——; Newton, 13.17; Taunton, 23.07; Fitchburg, ——; Waltham, 24.90; Quincy, 12.50; Pittsfield, 7.62; North Adams, 21.76; Everett, 16.80; Northampton, 6.21; Chicopee, ——; Marlborough, ——; Newburyport, 17.85; Medford, 14.36; Woburn, ——.

The total death rate for the week was 17.61, against 17.43 and 16.39 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING NOVEMBER 30, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	108.	Measles.	37.
Diphtheria and croup,	269.	Typhoid fever,	53.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Nov. 30, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 24,	30.04	44	49	38	85	90		88	N. W.	N. W.	10	8			R.	O.			0.14
Monday, 25,	30.30	39	45	33	75	98		86	E.	E.	18	12			O.	O.			0.05
Tuesday, 26,	29.83	56	67	44	94	95		94	E.	S. W.	5	36			O.	R.			0.46
Wednes'y, 27,	30.42	44	48	39	54	91		72	N. W.	N. W.	15	9			F.	O.			0.68
Thursday, 28,	30.60	41	50	32	64	81		58	W.	S. W.	7	8			C.	O.			0.00
Friday, 29,	30.22	43	51	35	81	86		84	W.	S. W.	6	6			O.	O.			0.00
Saturday, 30,	30.14	38	44	32		84		78	N.	N.	9	16			O.	C.			0.00
Week, - -	30.22		51	36				73											0.19

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 7, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 49.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending December 7, 1895.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	Population. 1895.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	185	45	25	21	1	2	20
Worcester,	98,687	28	10	2	3	1	..	1
Fall River,	88,020	36	17	6	1	3	..	..
Lowell,	84,359	33	15	6	3	2	1	3
Cambridge,	81,519	22	7	5	4	..	..	5
Lynn,	62,355	13	4	2	1	..	..	1
New Bedford,	55,254	15	9	2	2	..	..	2
Somerville,	52,193	15	6	..	1	..	..	..
Lawrence,	52,153	9	1	1	1	..	..	1
Springfield,	51,534	25	6	4	1	1	..	2
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	10	2	1	1	1	..	1
Brockton,	33,157	6	1	1	2	..	..	..
Chelsea,	31,295	9	1	3	..	..	1	2
Haverhill,	30,185	9	1	..	1	..	..	..
Malden,	29,706	13	1	1	3	..	..	1
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	7	3	1	1	..	..	..
Taunton,	27,093	9	2	..	..	..	..	..
Fitchburg,	26,394	1	1	..	..	..	..	..
Waltham,	20,877	4	1	..	1	..	..	..
Quincy,	20,712	3	1	..	1	..	..	..
Pittsfield,	20,447	6	1	1	..	1	..	..
North Adams,	19,127	6	4	1	1	..	..	1
Everett,	18,578	4	2	1	..	..	..	1
Northampton,	16,738	5	1	..	1	..	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	5	0	1	2	..	..	1
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	6	1	1	1	..	1	..
Medford,	14,480	5	0	3	..	1	1	1
Woburn,	14,176	..	..	..	..	..	..	..
Melrose,	11,966	3	0	2	1	..	1	1
Hyde Park,	11,828	..	..	..	..	..	..	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	4	1	..	1	..	..	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield,	10,659	6	2	1	1	..	..	1
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,555,965	502	146	71	56	11	7	45

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Seventy-one deaths were reported from the principal infectious diseases: diphtheria and croup, 45; diarrhœal diseases, 11; typhoid fever, 7; scarlet-fever, 6; whooping-cough, and erysipelas, 1 each.

No deaths were reported from small-pox, measles, cerebro-spinal meningitis, and malarial fever.

There were 56 deaths from consumption; acute lung diseases, 55; and still-births, 29.

From scarlet-fever: Fall River, 3; Lynn, Springfield and Haverhill, 1 each. From whooping-cough, Boston, 1. From erysipelas: Boston, 1.

Deaths under five years of age numbered 146, as compared with 136 for the preceding week.

Deaths from the principal infectious diseases numbered 71, as compared with 64 for the preceding week.

The death rates for the week were: Boston, 19.46; Worcester, 14.75; Fall River, 21.26; Lowell, 20.34; Cambridge, 14.00; Lynn, ——; New Bedford, 14.11; Somerville, 14.94; Lawrence, 8.97; Springfield, 25.22; Holyoke, ——; Salem, 15.10; Brockton, 9.40; Chelsea, 14.94; Haverhill, 15.49; Malden, 22.75; Gloucester, ——; Newton, 13.17; Taunton, 17.30; Fitchburg, 1.97; Waltham, 9.96; Quincy, 7.50; Pittsfield. 15.24; North Adams, 16.32; Everett, 11.20; Northampton, 15.53; Chicopee, ——; Marlborough, ——; Newburyport, 21.42; Medford, 17.95; Woburn, ——.

The total death rate for the week was 16.41, as compared with 17.61 and 17.43 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING DECEMBER 7, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	114.	Measles.	57.
Diphtheria and croup,	276.	Typhoid fever,	47.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Dec. 7, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 1,	30.31	32	43	22	67	81	74	N. W.	S.	6	9			F.	O.			0.00
Monday, 2,	29.61	32	60	43	79	88	84	S.	S. W.	21	12			O.	O.			0.16
Tuesday, 3,	29.94	32	38	27	82	76	79	N. W.	N. W.	20	12			C.	C.			0.00
Wednes'y, 4,	30.08	23	30	16	59	70	64	N. W.	N.	9	10			C.	C.			0.00
Thursday, 5,	29.87	25	28	22	84	88	86	N.	N. W.	20	15			N.	N.			0.42
Friday, 6,	30.01	26	30	23	63	61	62	N. W.	W.	18	10			O.	C.			0.13
Saturday, 7,	30.04	32	43	20	62	74	68	S.	S. W.	6	12			O.	O.			0.00
Week, - -	29.96		39	25			74											0.81

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In 6 smaller towns of Massachusetts, as reported to the State Board of Health for the month of November.

The total death rate of reporting towns was 11.2.

TOWNS.	POPULATION.	Reported Deaths in Each.	Deaths under five years of age.	DEATHS FROM				
				Infectious Diseases.	Acute lung Diseases.	Consumption.	Diphtheria and Croup.	Diarrhœal Diseases.
Amesbury,	9,984	7	3	1	3	..	1	..
Revere,	7,437	7	2	..	..	2	..	..
Orange,	5,357	5	1	1	..	1	..	1
Hudson,	5,306	7	5	3	1	..	2	..
Merrimac,	2,302	3	1	..	..	..	..	..
Norton,	1,614	1	0	..	..	..	..	..
Total of reporting towns,	32,000	30	12	5	4	3	3	1

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 14, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 50.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending December 14, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	Population. 1895.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	214	60	33	35	1	3	26
Worcester,	98,687	30	12	6	7	..	2	2
Fall River,	88,020	32	13	11	6	6	..	4
Lowell,	84,359	32	9	2	7	..	..	..
Cambridge,	81,519	20	7	5	1	..	1	3
Lynn,	62,355	18	8	3	1	..	..	3
New Bedford,	55,254	24	7	..	..	..	..	..
Somerville,	52,193	..	..	..	..	..	..	..
Lawrence,	52,153	14	5	..	2	..	..	..
Springfield,	51,534	10	3	3	1	1	..	2
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	11	2	..	3	..	..	..
Brockton,	33,157	7	3	1	2	..	..	1
Chelsea,	31,295	14	2	1	..	..	..	1
Haverhill,	30,185	4	2	1	1	..	1	..
Malden,	29,706	5	2	..	..	..	..	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	6	2	..	2	..	..	..
Taunton,	27,093	11	1	..	..	..	..	..
Fitchburg,	26,394	8	3	..	..	..	..	..
Waltham,	20,877	2	1	..	..	..	..	..
Quincy,	20,712	8	2	1	..	..	1	..
Pittsfield,	20,447	3	1	..	..	..	..	..
North Adams,	19,127	..	..	..	..	..	..	..
Everett,	18,578	2	1	1	..	..	..	1
Northampton,	16,738	3	0	1	1	..	1	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	5	3	..	..	..	..	..
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	4	1	..	..	..	..	..
Medford,	14,480	1	0	..	..	..	..	..
Woburn,	14,176	7	2	1	1	..	..	1
Melrose,	11,966	1	0	..	..	..	..	..
Hyde Park,	11,828	2	1	1	1	..	..	1
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	..	..	..	..	..	..	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield,	10,659	2	1	2	..	..	..	2
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,499,149	500	154	73	71	8	9	47

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Seventy-three deaths were reported from the principal infectious diseases: diphtheria and croup, 47; typhoid fever, 9; diarrhœal diseases, 8; erysipelas, 3; scarlet-fever and puerperal fever, each 2; cerebro-spinal meningitis and whooping-cough, each 1.

No deaths were reported from small-pox, measles and malarial fever.

There were 71 deaths from acute lung diseases; consumption, 49; and still-births, 37.

From erysipelas: Boston, Worcester and Cambridge, 1 each. From scarlet-fever: Boston and Fall River, 1 each. From puerperal fever, Lowell, 2. From cerebro-spinal meningitis, Worcester, 1. From whooping-cough, Boston, 1.

Deaths under five years of age numbered 154, as compared with 146 for the previous two weeks.

Deaths from the principal infectious diseases numbered 73, as compared with 71 for the preceding week.

The death rates for the week were: Boston, 22.51; Worcester, 15.81; Fall River, 18.90; Lowell, 19.72; Cambridge, 12.75; Lynn, 14.99; New Bedford, 22.58; Somerville, ——; Lawrence, 13.95; Springfield, 10.09; Holyoke, ——; Salem, 16.61; Brockton, 10.97; Chelsea, 23.25; Haverhill, 6.88; Malden, 8.75; Gloucester, ——; Newton, 11.29; Taunton, 21.15; Fitchburg, 15.76; Waltham, 4.98; Quincy, 20.00; Pittsfield. 7.62; North Adams, ——; Everett, 5.60; Northampton, 9.32; Chicopee, ——; Marlborough, ——; Newburyport, 14.28; Medford, 3.59; Woburn, 25.67.

The total death rate for the week was 17.34, against 16.41 and 17.61 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING DECEMBER 14, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	99.	Measles.	55.
Diphtheria and croup,	225.	Typhoid fever,	42.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Dec. 14, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 8,	30.14	34	42	25	70	78		74	W.	N.	13	9			C.	C.			0.00
Monday, 9,	30.24	24	30	19	86	77		82	N. W.	N. W.	10	7			O.	O.			0.00
Tuesday, 10,	30.11	24	30	17	84	59		72	N. W.	N.	10	12			F.	F.			0.00
Wednes'y, 11,	29.91	18	23	14	80	61		70	N.	N.	26	26			N.	O.			T.
Thursday, 12,	30.24	12	16	8	65	38		52	N.	N.	18	20			O.	O.			0.00
Friday, 13,	30.27	14	18	10	79	64		72	N.	N.	24	22			N.	O.			0.01
Saturday, 14,	29.90	22	29	16	73	41		57	N.	N.	20	12			O	C.			0.00
Week, - -	30.11		27	15				68											

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of November: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	196	155	351	Maple Syrup, . .	4	1	5
Butter, . . .	29	0	29	Canned Goods, .	..	..	..
Cheese, . . .	4	0	4	Honey, . . .	7	0	7
Lard, . . .	..	..	..	Tea, . . .	6	0	6
Olive Oil, . . .	2	0	2	Coffee, . . .	4	1	5
Vinegar, . . .	2	1	3	Cocoa, . . .	..	..	..
Spices, . . .	100	10	110	Confectionery, .	4	0	4
Cream of Tartar, .	39	3	42	Other articles of Food and Drinks,	11	5	16
Molasses, . . .	5	0	5	Drugs, . . .	25	16	41
Syrups, . . .	..	..	..				
Maple Sugar, . .	..	..	..				
				Totals, . .	438	192	630

Percentage of adulteration, 30.5. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of Milk found to be adulterated was 44.1 per cent., as compared with 45.2 per cent. for the preceding month, while the percentage of other articles of food and drugs was 13.2.

Two complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. All of these were for violation of the statutes relative to the sale of Milk. Fines were imposed amounting to $100.

The samples of drugs found to be adulterated were Distilled Water, Extract of Liquorice, Extract of Nux Vomica, Red Wine, White Wine and Mercurial Ointment.

Cities and towns from which samples of food were collected were Boston, Cambridge, Somerville, Springfield, New Bedford, Chelsea, Gloucester, Newton, Waltham, Everett, Marlborough, Medford, Woburn, Beverly, Arlington, Belmont, Brookline, Canton, Framingham, Hyde Park and Revere.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 21, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 51.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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HIRAM F. MILLS, C.E., Lawrence.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending December 21, 1895.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	Population. 1895.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	240	62	26	43	..	6	17
Worcester,	98,687	26	14	5	5	1	1	1
Fall River,	88,020	34	15	10	6	1	1	6
Lowell,	84,359	37	13	5	7	3	..	2
Cambridge,	81,519	35	11	5	8	1	..	4
Lynn,	62,355	25	6	8	1	..	2	2
New Bedford,	55,254	25	9	5	2	..	..	4
Somerville,	52,193	17	4	1	5	..	..	1
Lawrence,	52,153	19	11	4	2	2	..	..
Springfield,	51,534	15	4	2	2	..	..	2
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	7	..	1	..	..	1	..
Brockton,	33,157	9	3	1	1	..	..	..
Chelsea,	31,295	10	2	..	..	..	..	..
Haverhill,	30,185	15	..	3	3	..	2	..
Malden,	29,706	11	1	..	3	..	..	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	7	1	..	..	1	..	..
Taunton,	27,093	7	2	..	..	..	..	..
Fitchburg,	26,394	7	3	..	..	..	..	..
Waltham,	20,877	1	0	..	1	..	..	..
Quincy,	20,712	6	0	..	1	..	..	..
Pittsfield,	20,447	6	3	..	1	..	..	..
North Adams,	19,127	4	1	..	..	..	..	..
Everett,	18,578	1	0	..	..	..	..	..
Northampton,	16,738	5	0	..	1	..	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	..	..	..	..	..	..	..
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	3	0	..	..	..	..	..
Medford,	14,480	3	1	1	..	..	..	1
Woburn,	14,176	..	..	..	..	..	..	..
Melrose,	11,966	1	0	..	..	..	..	..
Hyde Park,	11,828	3	0	1	..	..	..	1
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	4	2	..	1	..	..	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield,	10,659	3	1	..	..	..	..	..
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,551,634	586	169	78	94	8	13	41

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Seventy-eight deaths were reported from the principal infectious diseases: diphtheria and croup, 41; typhoid fever, 13; diarrhœal diseases, 8; cerebro-spinal meningitis, 8; scarlet-fever, 4; erysipelas, 2; measles, 1; whooping-cough, 1.

No deaths were reported from small-pox, puerperal fever and malarial fever.

There were 94 deaths from acute lung diseases; consumption, 64; and still-births, 38.

From cerebro-spinal meningitis: Lynn, 3; Worcester and Lawrence, 2 each; Brockton, 1. From scarlet-fever: Fall River, 2; Boston and Lynn, 1 each. From erysipelas: Boston, 2. From measles: Boston, 1. From whooping-cough: New Bedford, 1.

Deaths under five years of age numbered 169, as compared with 154 for the preceding week.

Deaths from the principal infectious diseases numbered 78, as compared with 73 for the preceding week.

The death rates for the week were: Boston, 25.24; Worcester, 13.70; Fall River, 20.08; Lowell, 22.80; Cambridge, 22.32; Lynn, 20.85; New Bedford, 23.52; Somerville, 16.93; Lawrence, 18.94; Springfield, 15.03; Holyoke, ——; Salem, 10.57; Brockton, 13.11; Chelsea, 16.61; Haverhill, 25.83; Malden, 19.25; Gloucester, ——; Newton, 13.17; Taunton, 13.46; Fitchburg, 13.39; Waltham, 2.49; Quincy, 15.00; Pittsfield, 15.24; North Adams, 10.88; Everett, 2.80; Northampton, 15.53; Chicopee, ——; Marlborough, ——; Newburyport, 10.71; Medford, 10.77; Woburn, ——.

The total death rate for the week was 19.57, against 17.34 and 16.41 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING DECEMBER 21, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	84.	Measles,	101.
Diphtheria and croup,	265.	Typhoid fever,	61.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Dec. 21, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 15,	30.02	34	46	23	51	61	56	N. W.	N. W.	13	19			C.	C.			0.00
Monday, 16,	30.52	32	37	28	66	54	60	N. W.	N.	12	12			C.	C.			0.00
Tuesday, 17,	30.76	26	34	19	41	64	52	N. W.	S. W.	7	9			O.	C.			0.00
Wednes'y, 18,	30.40	40	50	29	81	87	84	W.	S. W.	15	13			O.	C.			0.00
Thursday, 19,	30.34	52	61	43	77	82	80	S. W.	S. W.	15	14			F.	C.			0.00
Friday, 20,	30.44	54	61	46	81	84	82	S. W.	S. W.	10	9			F.	C.			0.00
Saturday, 21,	30.42	46	50	41	93	85	89	Calm.	E.	Calm.	9			C.	O.			0.00
Week, - -	30.41		48	33			72											

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 28, 1895.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XIII. No. 52.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending December 28, 1895.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

The population employed in this summary is that of the State census of 1895, and is subject to slight changes, which will be published after the final revision is made.

CITIES AND TOWNS.	POPULATION. 1895.	Reported Deaths in Each.	Deaths under five years.	DEATHS FROM				
				Principal Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	494,205	212	57	32	44	2	8	18
Worcester,	98,687	16	5	1	2	..	..	..
Fall River,	88,020	26	10	4	3	1	..	3
Lowell,	84,359	30	12	4	3	1	..	3
Cambridge,	81,519	15	4	3	1	..	..	2
Lynn,	62,355	24	8	2	5	..	..	1
New Bedford,	55,254	16	5	2	..	..	..	2
Somerville,	52,193	..	..	..	..	..	..	..
Lawrence,	52,153	22	1	2	..	..	2	..
Springfield,	51,534	17	0	1	2	..	1	..
Holyoke,	40,149	..	..	..	..	..	..	..
Salem,	34,437	18	4	..	2	..	..	..
Brockton,	33,157	7	3	2	1	..	1	..
Chelsea,	31,295	19	2	1	3	..	..	..
Haverhill,	30,185	6	1	2	..	..	2	..
Malden,	29,706	8	1	..	..	..	..	..
Gloucester,	27,663	..	..	..	..	..	..	..
Newton,	27,622	6	3	4	1	..	1	3
Taunton,	27,093	3	3	..	..	..	..	..
Fitchburg,	26,394	5	1	..	..	..	..	..
Waltham,	20,877	3	1	..	1	..	..	..
Quincy,	20,712	..	..	..	..	..	..	..
Pittsfield,	20,447	..	..	..	..	..	..	..
North Adams,	19,127	6	0	..	3	..	..	..
Everett,	18,578	1	0	..	..	..	..	..
Northampton,	16,738	3	0	..	..	..	..	..
Chicopee,	16,427	..	..	..	..	..	..	..
Brookline,	16,159	3	0	..	..	..	..	..
Marlborough,	14,980	..	..	..	..	..	..	..
Newburyport,	14,554	5	1	..	..	..	..	..
Medford,	14,480	4	0	1	2	..	..	1
Woburn,	14,176	4	0	1	..	..	..	..
Melrose,	11,966	2	0	..	..	..	..	..
Hyde Park,	11,828	4	1	..	..	..	..	..
Beverly,	11,802	..	..	..	..	..	..	..
Clinton,	11,500	2	2	..	1	..	..	..
Weymouth,	11,285	..	..	..	..	..	..	..
Westfield,	10,659	1	0	..	..	..	..	..
Peabody,	10,510	..	..	..	..	..	..	..

RECAPITULATION.

	POPULATION.	Deaths.	Deaths under five.	Infectious Diseases.	Acute lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,488,617	488	125	62	74	4	15	33

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-two deaths were reported from the principal infectious diseases: diphtheria and croup, 33; typhoid fever, 15; diarrhœal diseases, 4; cerebro-spinal meningitis and erysipelas, 3 each; scarlet-fever, 2; whooping-cough and erysipelas, each 1.

No deaths were reported from small-pox, measles and malarial fever.

There were 74 deaths from acute lung diseases; consumption, 56; and still-births, 32.

From cerebro-spinal meningitis: Boston, Brockton and Chelsea, 1 each. From erysipelas: Boston, Worcester and Cambridge, 1 each. From scarlet-fever: Boston and Woburn, 1 each. From whooping-cough: Lynn, 1. From puerperal fever, Boston, 1.

Deaths under five years of age numbered 125, as compared with 169 for the preceding week.

Deaths from the principal infectious diseases numbered 62, as compared with 78 for the preceding week.

The death rates for the week were: Boston, 22.30; Worcester, 8.43; Fall River, 15.35; Lowell, 18.49; Cambridge, 9.53; Lynn, 19.99; New Bedford, 15.05; Somerville, ——; Lawrence, 21.93; Springfield, 17.15; Holyoke, ——; Salem, 17.18; Brockton, 10.97; Chelsea, 31.55; Haverhill, 10.33; Malden, 14.00; Gloucester, ——; Newton, 11.29; Taunton, 5.76; Fitchburg, 9.85; Waltham, 7.47; Quincy, ——; Pittsfield. ——; North Adams, 16.32; Everett, 2.80; Northampton, 9.32; Chicopee, ——; Marlborough, ——; Newburyport, 17.85; Medford, 14.36; Woburn, 14.67.

The total death rate for the week was 17.04, against 19.57 and 17.34 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING DECEMBER 28, 1895.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	114.	Measles.	68.
Diphtheria and croup,	354.	Typhoid fever,	43.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Dec. 28, 1895.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 22,	30.00	50	57	43	89	80	84	S. W.	W.	12	9	O.	C.		0.76
Monday, 23,	30.00	46	51	41	85	76	80	W.	S. W.	12	7	O.	O.		0.00
Tuesday, 24,	30.12	46	52	39	83	72	78	N.	N.	10	8	O.	F.		0.00
Wednes'y, 25,	30.25	40	43	38	88	83	86	N.	S. E.	3	5	O.	O.		0.00
Thursday, 26,	30.02	48	55	40	84	94	89	S. E.	S. E.	3	18	O.	O.		0.01
Friday, 27,	29.81	48	60	36	90	74	82	W.	W.	15	20	C.	F.		0.32
Saturday, 28,	30.06	40	47	33	77	65	71	W.	S. W.	7	6	C.	F.		0.00
Week, - -	30.04		49	39			81								

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

ZER
DER'S
MASS.